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ABSTRACT

This book is designed to introduce and provide motivational practice on basic multiplication facts for students in grades 2-6. The facts are presented in order from 0 through 12, with activities designed to review previously presented facts at three points. A test is provided. Searches, magic squares, mazes, and puzzles are among the activities included. (MNS)

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A Good Apple Activity Book for Grades 2-6

THE MULTIPLICATION BOOK

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By Becky and Charlie Daniel

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THE MULTIPLICATION BOOK

by

Charlie and Becky Daniel

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Zeroes

$0 \times 0 = 0$

$1 \times 0 = 0$

$2 \times 0 = 0$

$3 \times 0 = \square$

$4 \times 0 = \square$

$5 \times 0 = \square$

$6 \times 0 = \square$

$7 \times 0 = \square$

$8 \times 0 = \square$

$9 \times 0 = \square$

$10 \times 0 = \square$

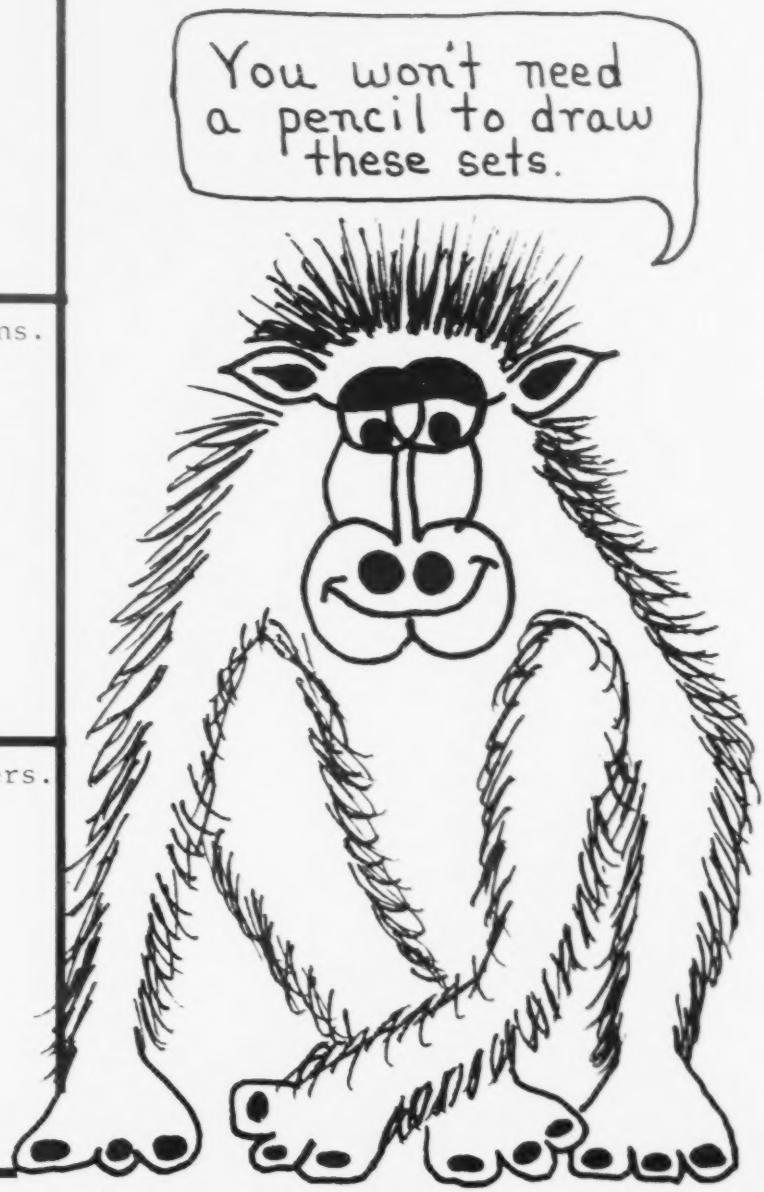
$11 \times 0 = \square$

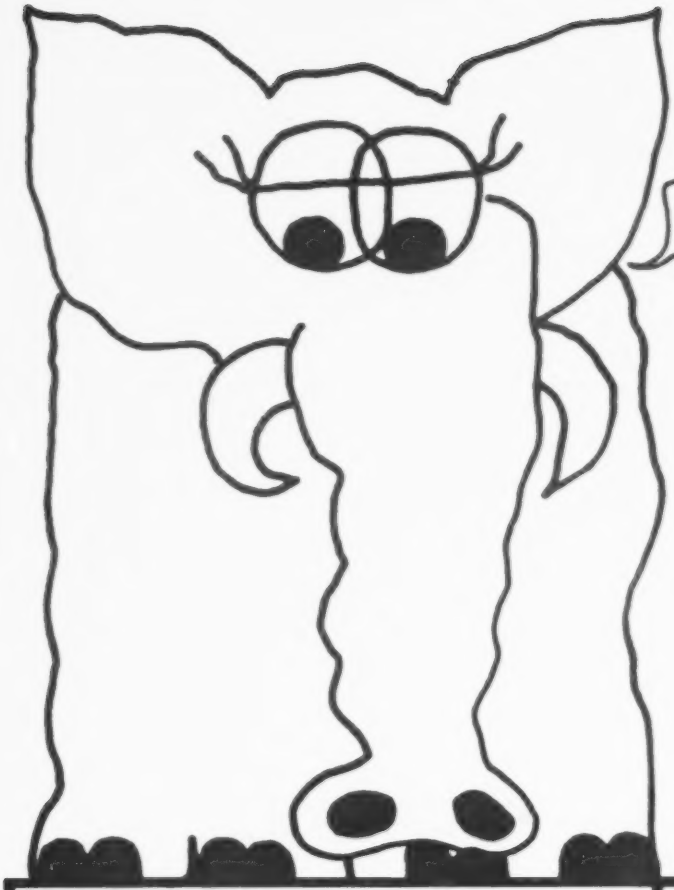
$12 \times 0 = \square$

Draw zero sets of 2 flowers.

Draw zero sets of 4 balloons.

Draw zero sets of 6 flowers.





Ones

One times any number equals that number.

1 × 1 = ☐	7 × 1 = ☐
2 × 1 = ☐	8 × 1 = ☐
3 × 1 = ☐	9 × 1 = ☐
4 × 1 = ☐	10 × 1 = ☐
5 × 1 = ☐	11 × 1 = ☐
6 × 1 = ☐	12 × 1 = ☐

Draw 1 set of 5 balloons. How many balloons did you draw?

_____

Draw 1 set of 6 apples. How many apples did you draw?

_____

Draw 1 set of 2 children. How many children did you draw?

_____

Draw 1 set of 3 stars. How many stars did you draw?

_____

Twos

Circle every other number.

1	(2)	3	(4)	5	(6)	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

$2 \times 2 = 2 + 2 =$

$3 \times 2 = 2 + 2 + 2 = 6$

$4 \times 2 =$

$5 \times 2 =$

$6 \times 2 =$

$7 \times 2 =$

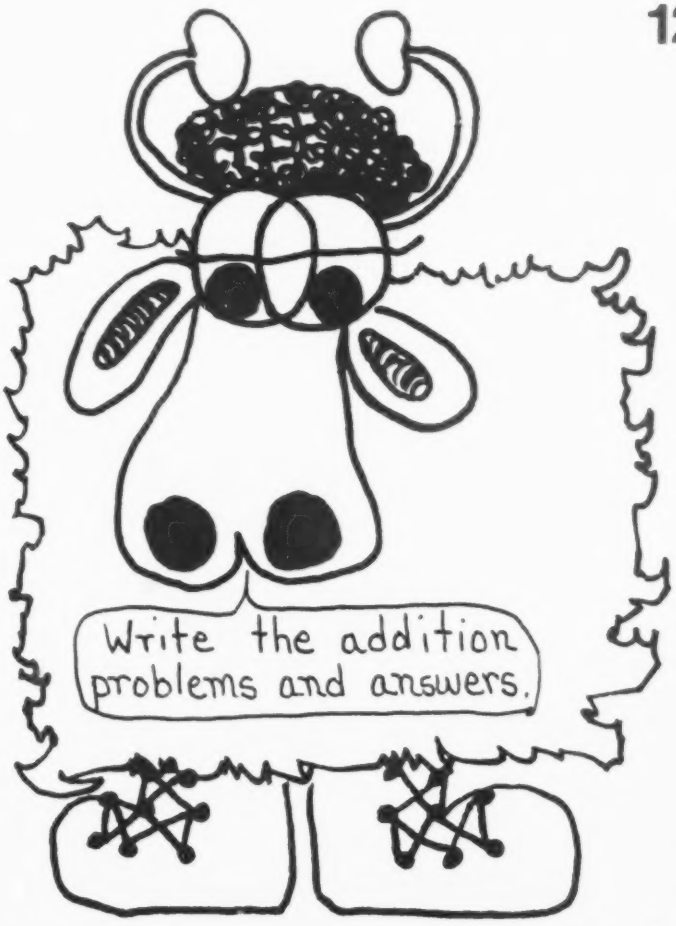
$8 \times 2 =$

$9 \times 2 =$

$10 \times 2 =$

$11 \times 2 =$

$12 \times 2 =$



Draw 2 sets of two flowers.

Draw 2 sets of 2 balls.

Search for Twos

2 x 2 = 4	6	1				
2	1	2	2	2		
4	2	8	12	2		
5	6	2	12	1		
2	0	0	5	2	10	
10	12	2	24	2	2	4
2	2	2	0	4	20	0
20	24	4	0	2	0	0
5	2	10	7	2	14	4
2	8	2	2	6	1	2
10	16	20	14	12	2	8
3	2	6	4	2	8	16

DIRECTIONS:

Find and circle all the numbers multiplied by 2 and followed by their products.

Threes

Circle every third number.

1	2	(3)	4	5	(6)	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36

1 X 3 = 3

2 X 3 = 3 + 3 = 6

3 X 3 =

4 X 3 =

5 X 3 =

6 X 3 =

7 X 3 =

8 X 3 =

9 X 3 =

10 X 3 =

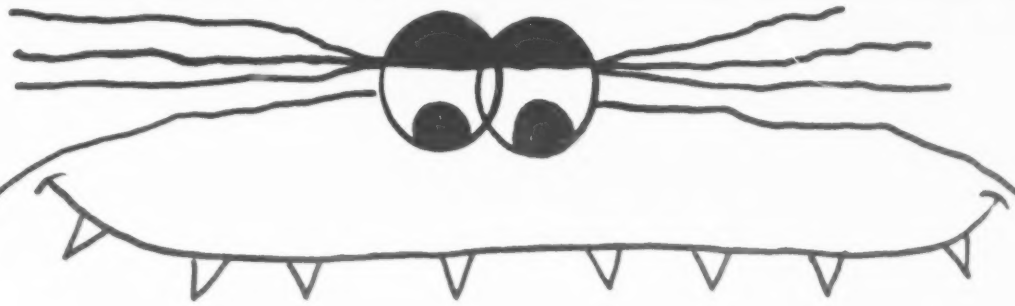
11 X 3 =

12 X 3 =

Write the addition problem and answer for each multiplication problem.

Draw dots to prove that 2 X 3 = 6.

Draw dots to prove that 3 X 2 = 6.



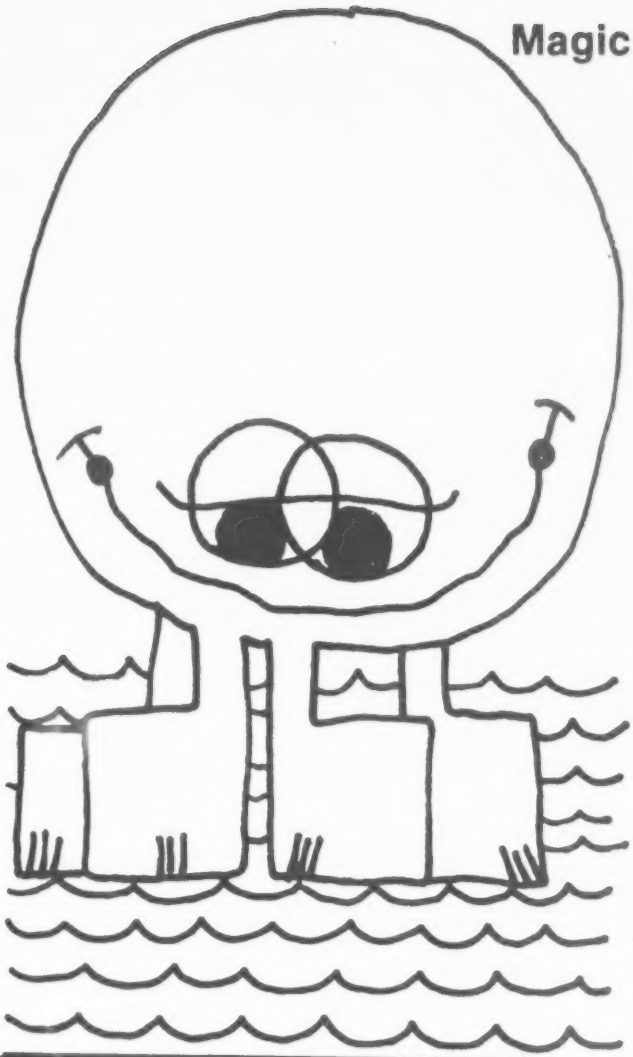
3 x 1 = 3			2	6	5	3	15	8
0	3	3	3	1	3	5	0	3
0	3	9	6	3	18	15	1	24
3	0	0	3	3	3	1	3	3
3	3	9	18	4	0	3	0	1
9	3	27	3	12	36	7	3	3
3	11	33	1	7	3	21	0	3
0	3	1	3	3	9	3	3	9

Search for Threes

DIRECTIONS:

Find and circle all the numbers multiplied by 3 and followed by their products.

Magic Squares



3	1	3
1	2	2
3	2	6

The last number in each row, going down and across, is the product of the first two numbers.

1	1	
	0	
		0

3	3	
4		
		0

Fours

Circle every fourth number.

1	2	3	(4)	5	6	7	(8)	9	10	11	(12)
13	14	15	(16)	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

$1 \times 4 = 4$

$2 \times 4 = 4+4 = 8$

$3 \times 4 =$

$4 \times 4 =$

$5 \times 4 =$

$6 \times 4 =$

$7 \times 4 =$

$8 \times 4 =$

$9 \times 4 =$

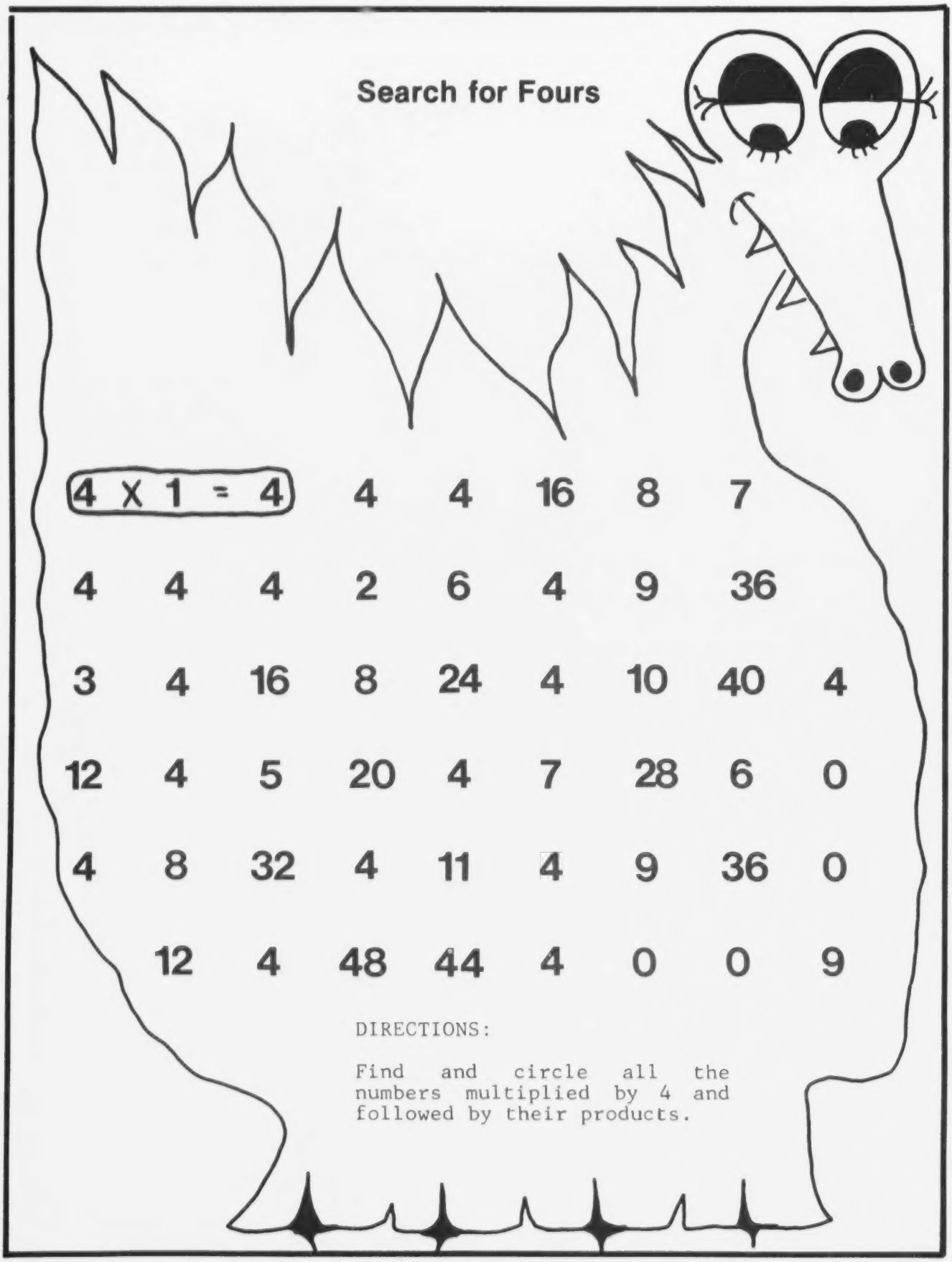
$10 \times 4 =$

$11 \times 4 =$

$12 \times 4 =$

Write the addition problem and answer for each multiplication problem.

Draw 4 sets of eggs with 2 eggs in each set.



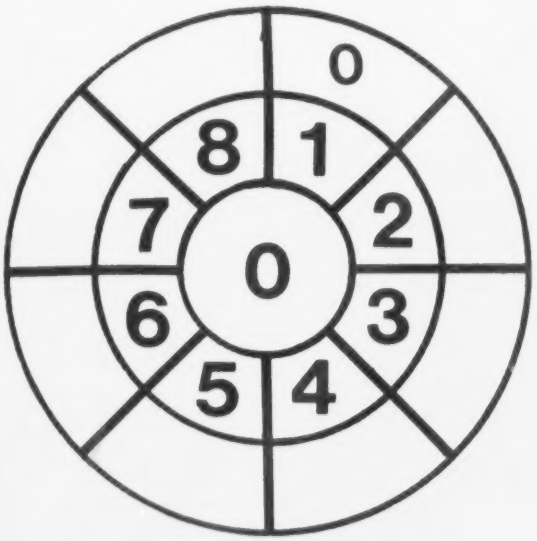
Search for Fours

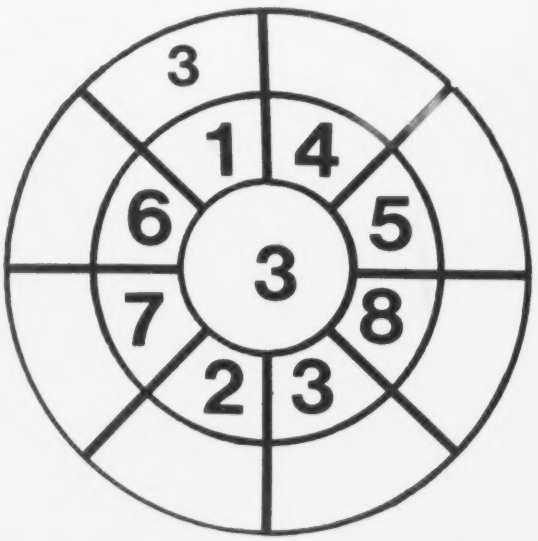
4 X 1 = 4			4	4	16	8	7	
4	4	4	2	6	4	9	36	
3	4	16	8	24	4	10	40	4
12	4	5	20	4	7	28	6	0
4	8	32	4	11	4	9	36	0
	12	4	48	44	4	0	0	9

DIRECTIONS:

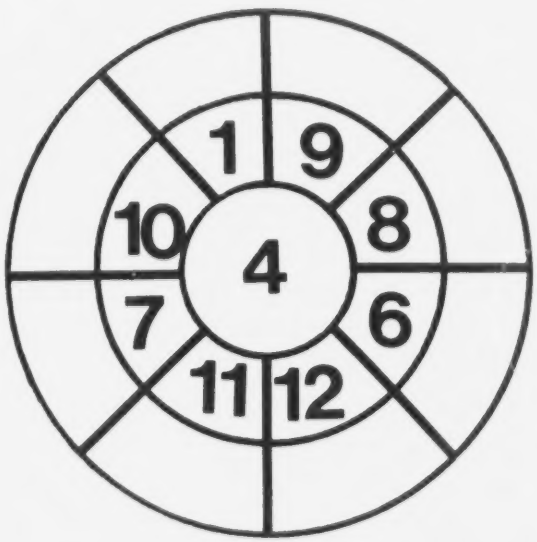
Find and circle all the numbers multiplied by 4 and followed by their products.

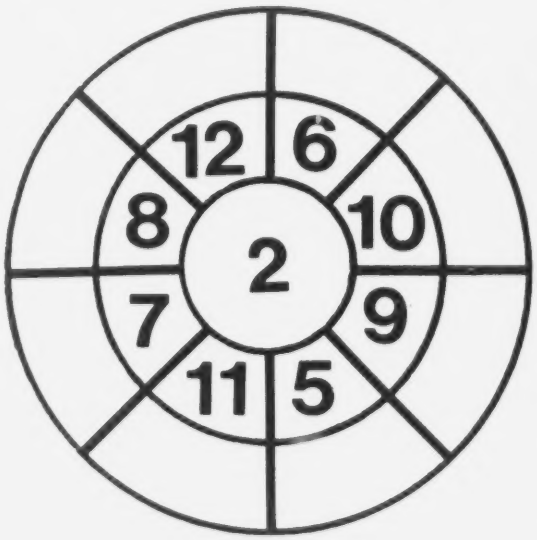
Bull's-eye Multiplication

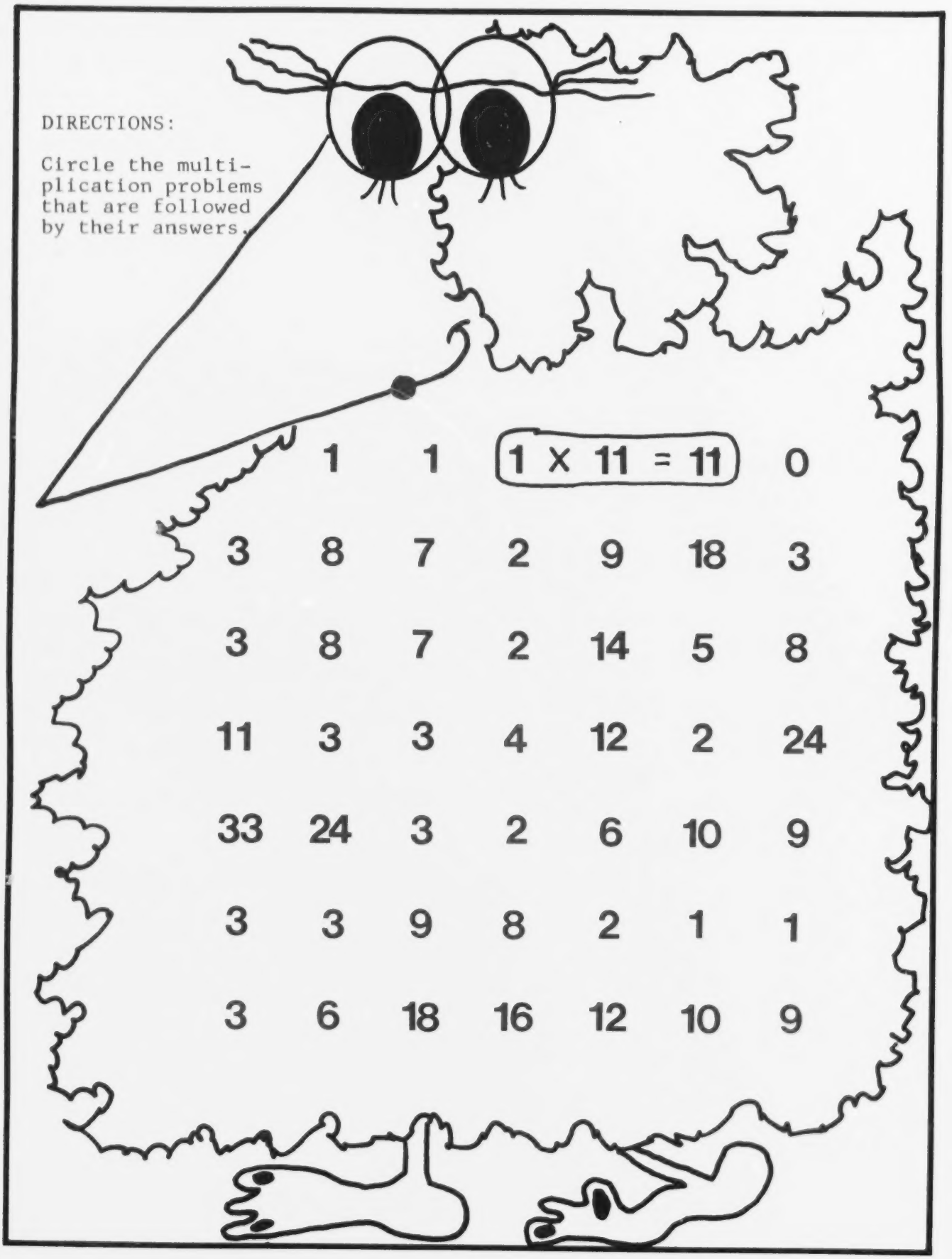




DIRECTIONS: Multiply the numbers in the center by each number in the inner ring. Write your answers in the outside ring.






DIRECTIONS:
Circle the multiplication problems that are followed by their answers.
1 1 1 X 11 = 11 0
3 8 7 2 9 18 3
3 8 7 2 14 5 8
11 3 3 4 12 2 24
33 24 3 2 6 10 9
3 3 9 8 2 1 1
3 6 18 16 12 10 9

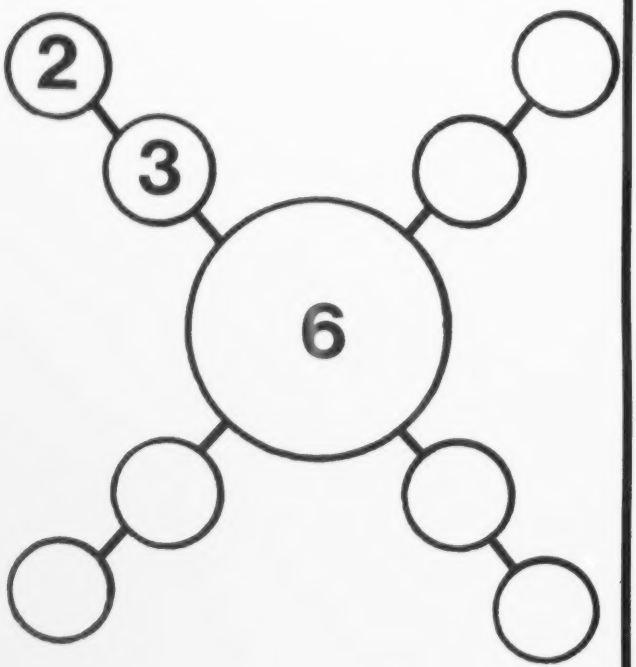
Pluto Products

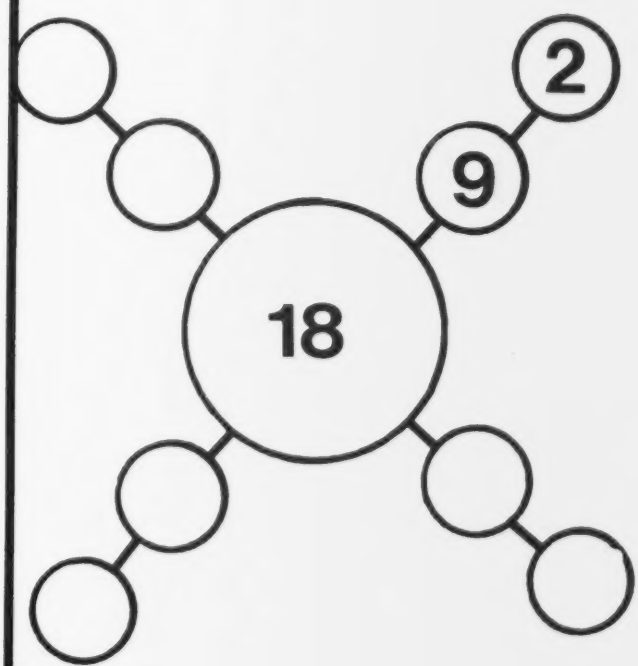
DIRECTIONS:

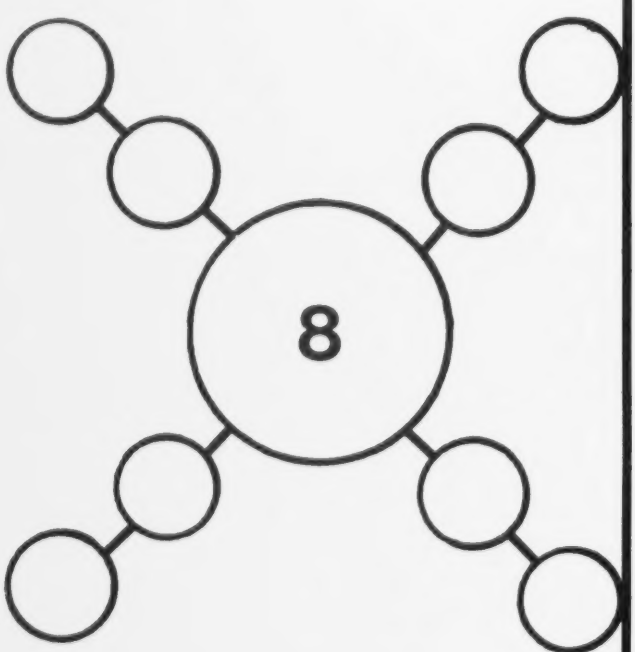
Find two numbers that have a product equal to the number in the larger center circle.

EXAMPLE:

$2 \times 3 = 6$
$3 \times 2 = 6$
$1 \times 6 = 6$
$6 \times 1 = 6$

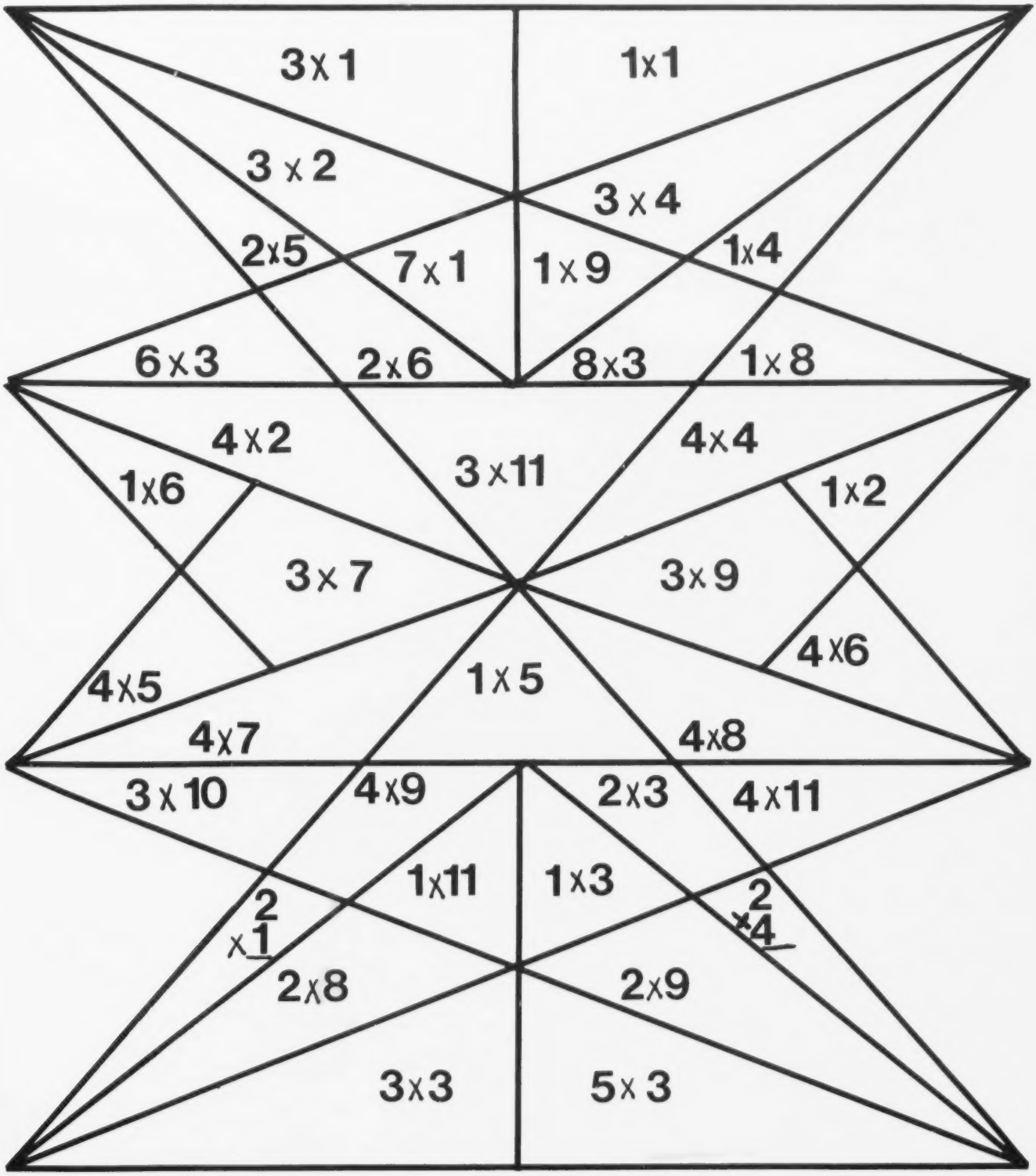






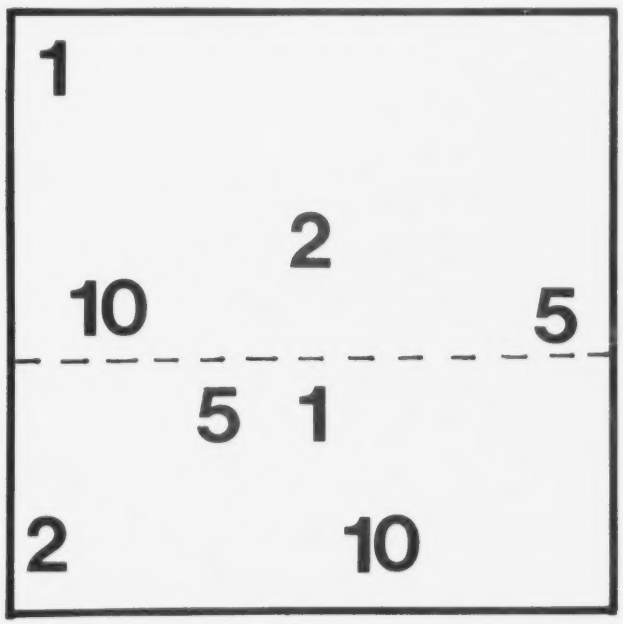
Multiplication Design

DIRECTIONS: Write the product of the two numbers in each space.
Color the spaces with an even product PURPLE.
Color the spaces with an odd product YELLOW.

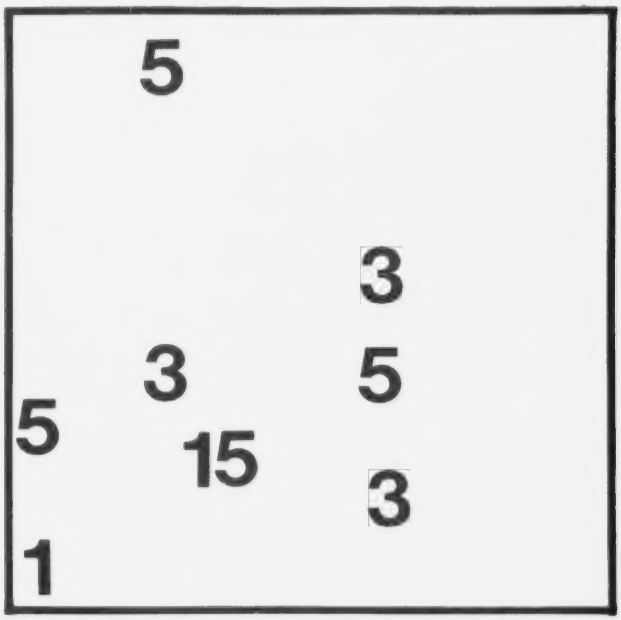


Line Puzzles

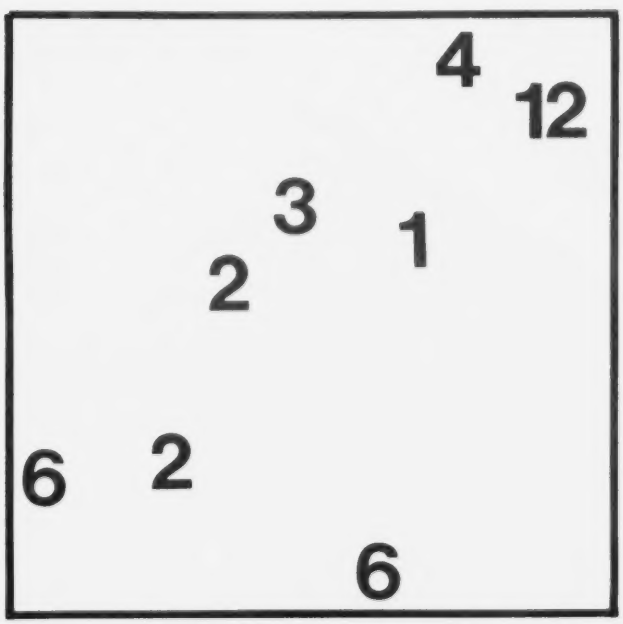
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 10.



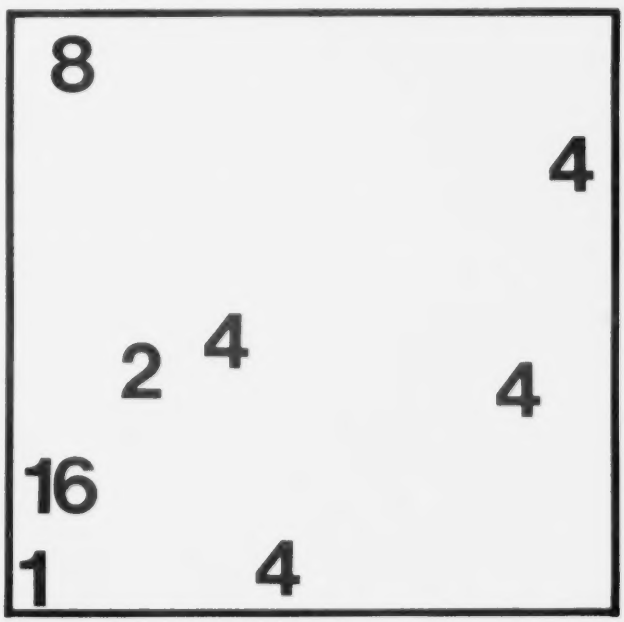
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 15.



Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 12.



Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 16.



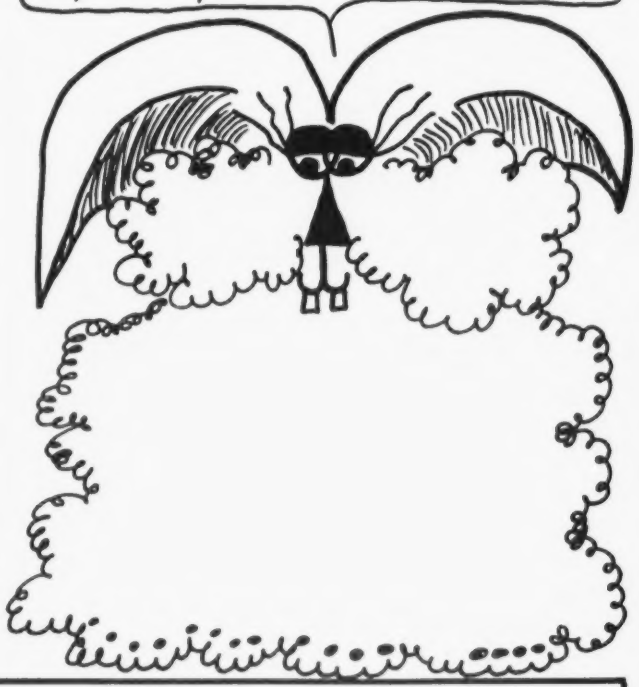
Product Puzzles

DIRECTIONS: Write three repeated addition problems and three multiplication problems for the answer in each box below.

example: 4 1+1+1+1=4 4X1=4 2+2=4 2X2=4 4=4 1X4=4	6
8	10
9	12
15	16

Matching Products

Draw a line connecting the factors that have equal products.



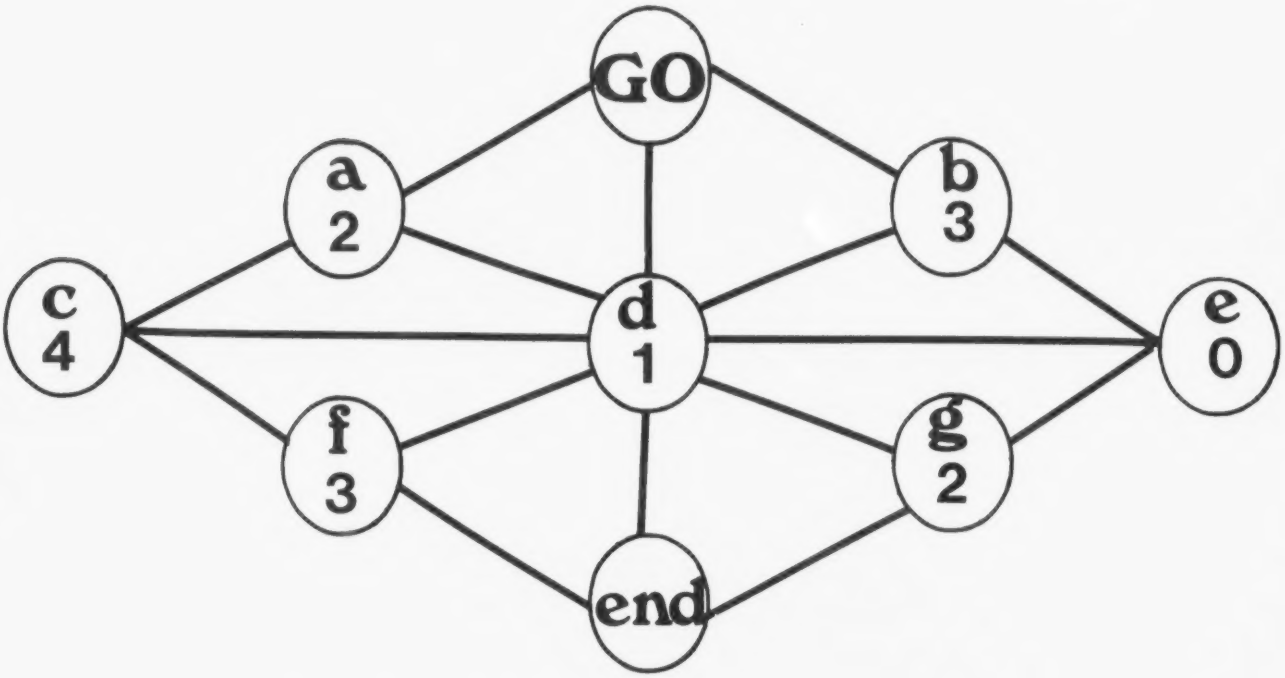
10 x 1	15 x 1
4 x 4	6 x 2
3 x 5	2 x 8
3 x 4	5 x 2
4 x 2	3 x 2
6 x 1	8 x 1

6 x 6	10 x 4
8 x 5	9 x 4
12 x 2	9 x 2
3 x 6	4 x 5
3 x 3	8 x 3
10 x 2	9 x 1

12 x 4	8 x 4
10 x 3	8 x 6
16 x 2	6 x 5
7 x 5	14 x 1
7 x 0	5 x 7
2 x 7	3 x 0

Multiplication Maze

DIRECTIONS: Begin in the circle marked "GO." Move along circles connected by a line. Stop in the circle marked "END." As you pass through the numbered circles, multiply each factor.



Directions: Give the products for the paths listed below.

b x e x d = 0

d x g = ☐

d x f = ☐

a x d x g = ☐

a x c x d = ☐

b x d x f = ☐

Directions: Write a path that equals the products listed below.

0 =

6 =

12 =

16 =

24 =

36 =

Fives

Circle every fifth number.

1	2	3	4	(5)	6	7	8	9	(10)	11	12
13	14	(15)	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60

Write the addition problems and answers for the following.

1 X 5 = 5

2 X 5 = 5+5 = 10

3 X 5 =

4 X 5 =

5 X 5 =

6 X 5 =

7 X 5 =

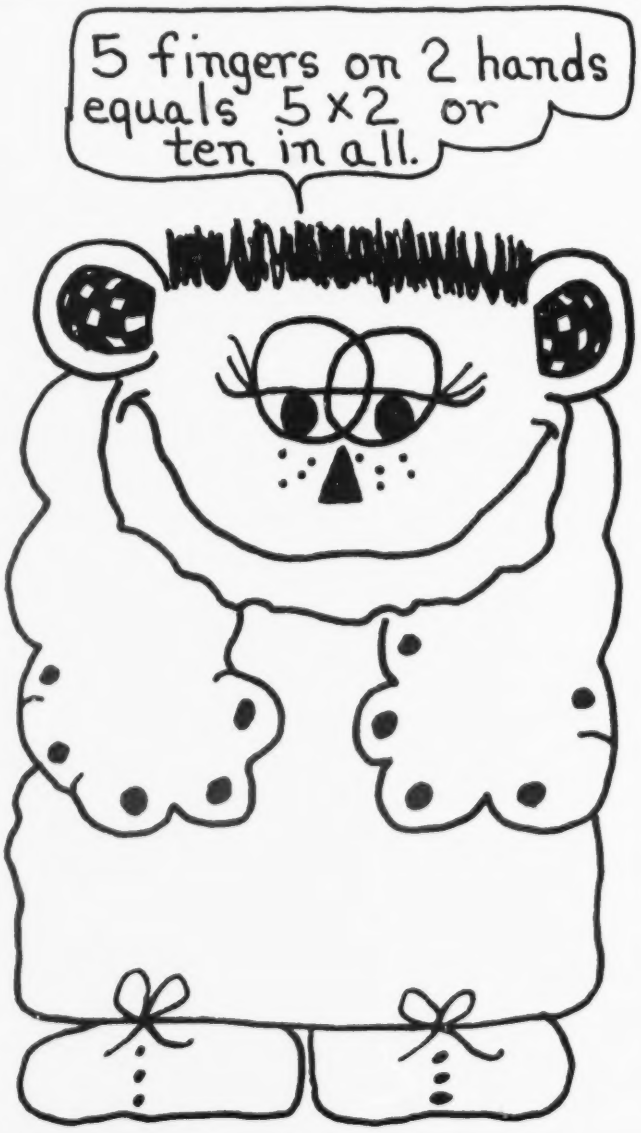
8 X 5 =

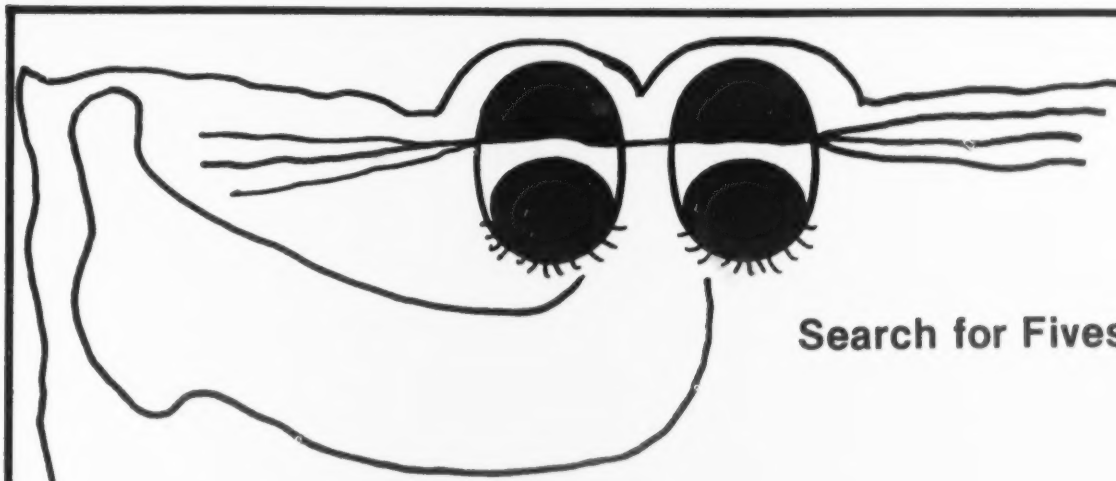
9 X 5 =

10 X 5 =

11 X 5 =

12 X 5 =





Search for Fives

5 x 5 = 25			5	6	30	5	0	0
6	7	5	35	5	5	10	5	50
30	35	5	6	30	4	50	0	0
5	1	5	0	0	30	5	6	30
8	5	40	5	11	55	8	5	40
40	9	5	45	5	8	40	0	0

DIRECTIONS:

Find and circle all the numbers multiplied by 5 and followed by their products.

Magic Squares

0		0
0		0

1	4	
		3
3		

2		8
4		16

6	2	
		3
6		

3	3	
		2
	3	

9	2	
		0
18		

Sixes

Circle every sixth number.

1	2	3	4	5	(6)	7	8	9	10	11	(12)
13	14	15	16	17	(18)	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72

1 X 6 = 6

2 X 6 = 6+6 = 12

3 X 6 =

4 X 6 =

5 X 6 =

6 X 6 =

7 X 6 =

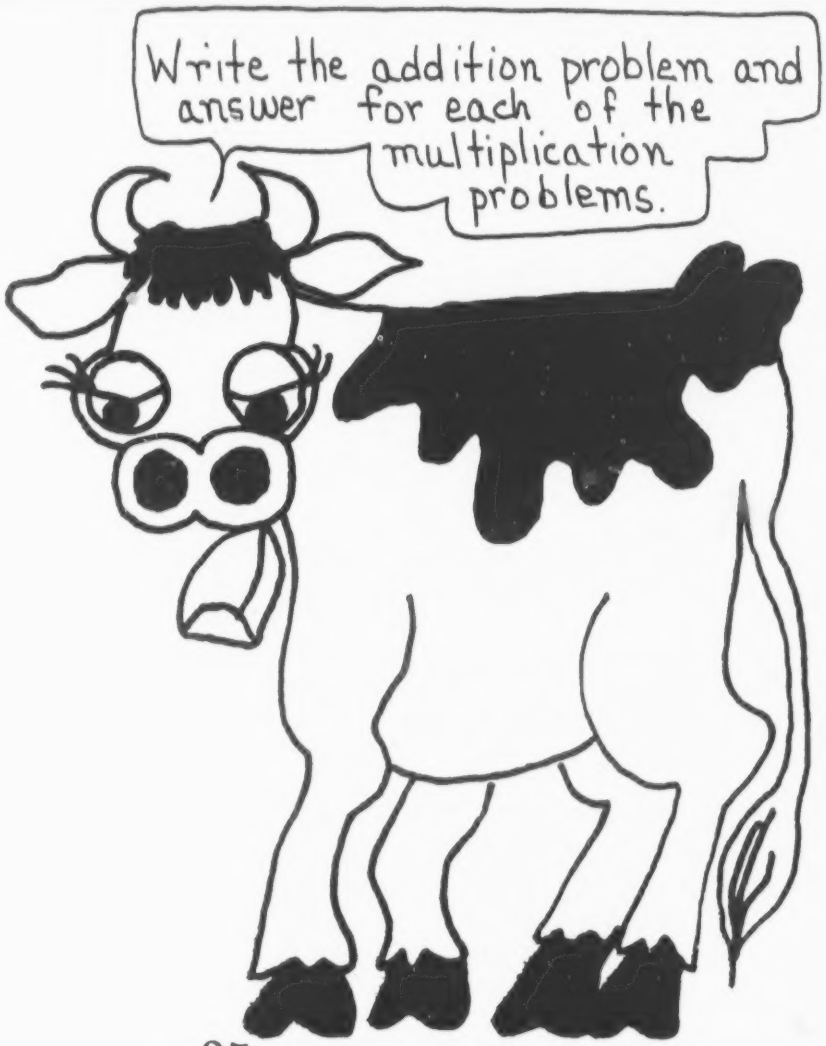
8 X 6 =

9 X 6 =

10 X 6 =

11 X 6 =

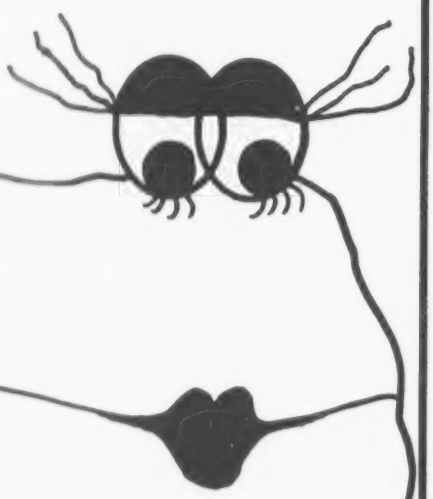
12 X 6 =



Search for Sixes

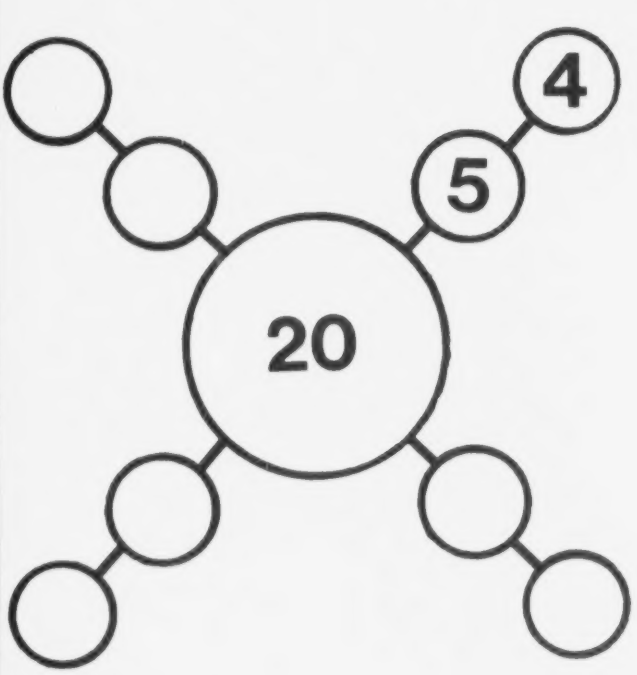
DIRECTIONS:

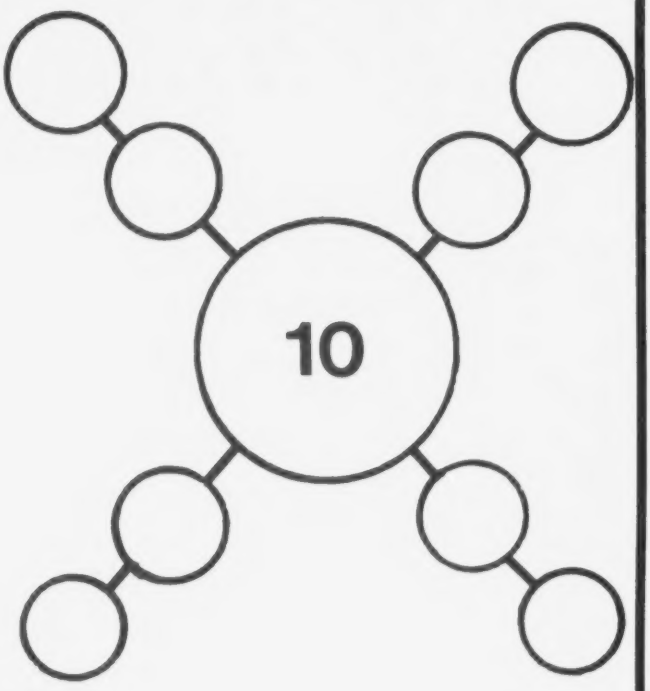
Find and circle all the numbers multiplied by 6 and followed by their products.



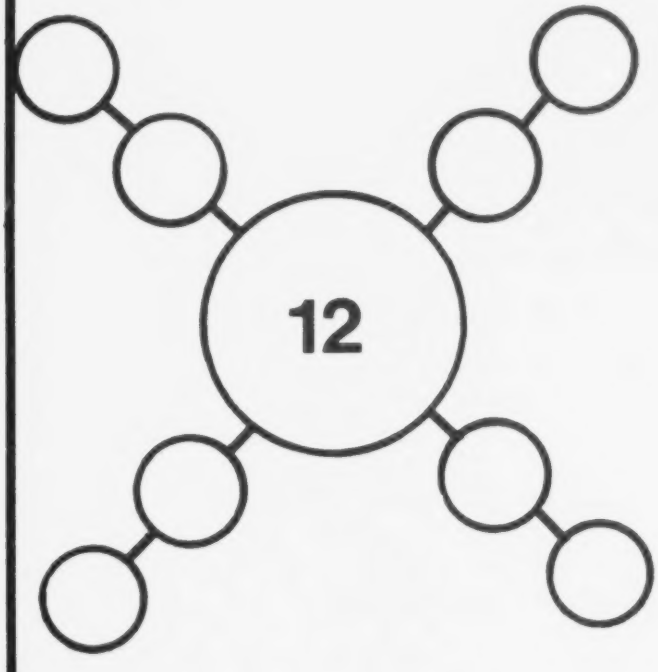
	6 x 1 = 6			7	42	6	5	30
8	0	6	8	48	6	9	6	54
6	0	6	48	11	6	5	30	6
48	6	10	60	6	5	30	5	1
6	6	6	6	66	30	5	5	6
6	36	60	6	8	48	7	25	7
36	6	7	42	6	9	54	6	

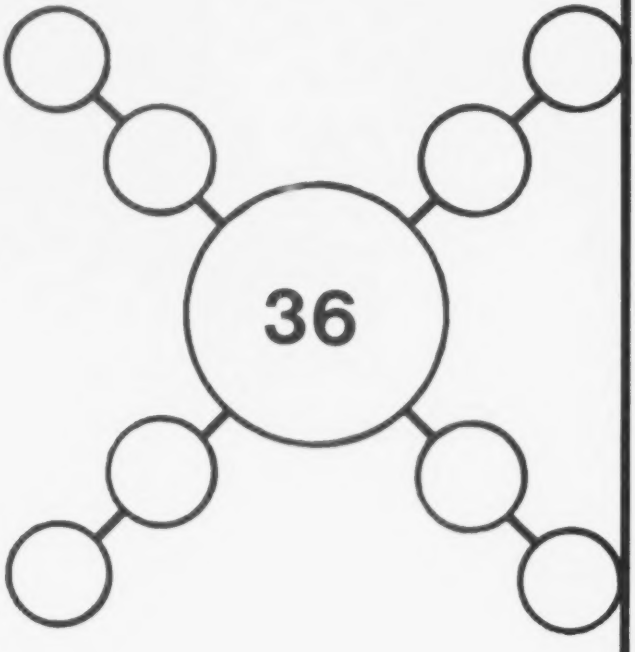
Pluto Products





DIRECTIONS: Find two numbers with a product of the number in the larger center circle. Write each factor in the smaller circles. For example: 5 X 4 = 20.





Sevens

Circle every seventh number.

1	2	3	4	5	6	(7)	8	9	10	11	12
13	(14)	15	16	17	18	19	20	(21)	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84

Write the addition problem and answer for each problem.

1 X 7= 7

2 x 7= 7+7=14

3 X 7=

4 x 7=

5 X 7=

6 X 7=

7 X 7=

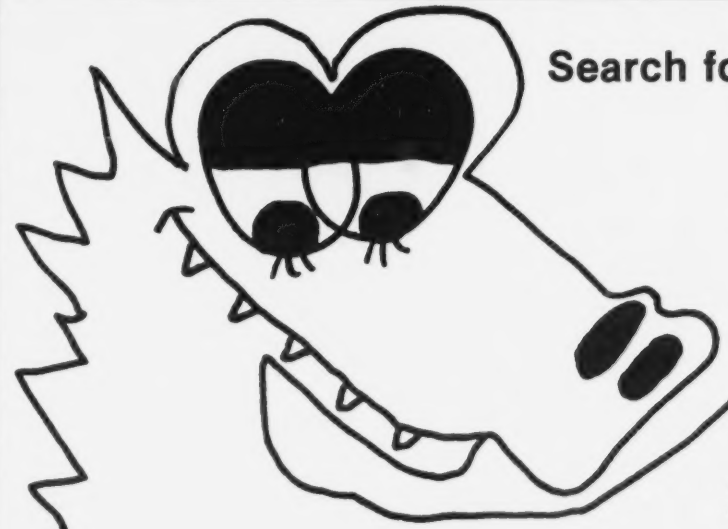
8 X 7=

9 X 7=

10 X 7=

11 X 7=

12 x 7=



Search for Sevens

				7	2	7	
				1	7	7	
			2	7	14	49	
7 x 1 = 7		7	49	7	0	7	
8	7	5	6	7	2	7	9
56	7	35	7	2	14	0	63
7	0	7	11	77	7	1	7
7	0	0	7	7	12	84	3
49	7	8	56	8	3	7	21
7	11	77	0	56	7	4	28

DIRECTIONS:

Find and circle all the numbers multiplied by 7 and followed by their products.

Magic Squares

5	8	
		0
45		

		12
		6
8	9	

7	5	
8		
		0

	2	
3		3
9		

2	11	
9		
		0

1		12
2		
	12	

Eights

Circle every eighth number.

1	2	3	4	5	6	7	(8)	9	10	11	12
13	14	15	(16)	17	18	19	20	21	22	23	(24)
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96

$1 \times 8 =$

$2 \times 8 =$

$3 \times 8 = 8+8+8 = 24$

$4 \times 8 =$

$5 \times 8 =$

$6 \times 8 =$

$7 \times 8 =$

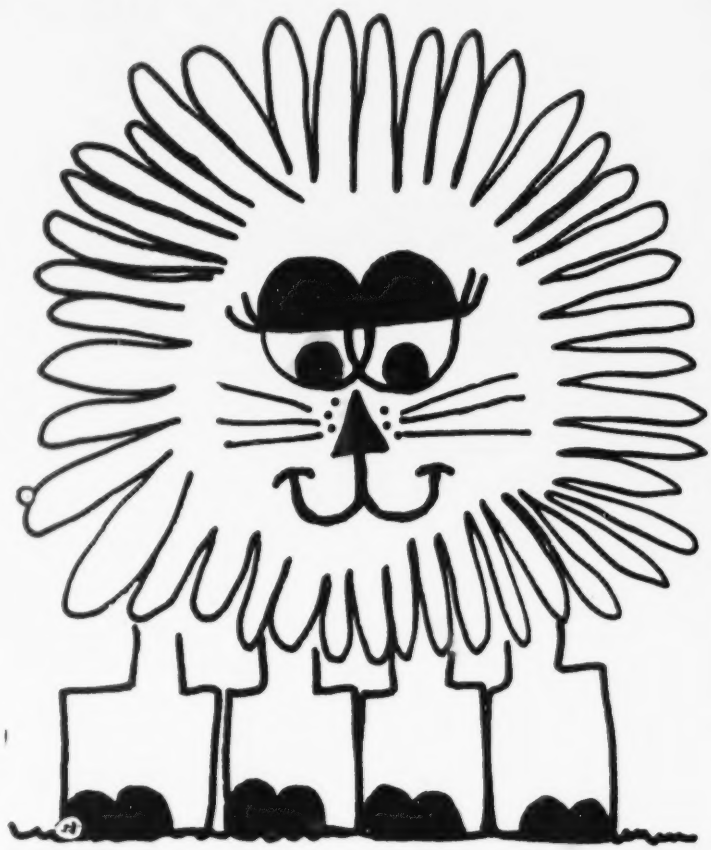
$8 \times 8 =$

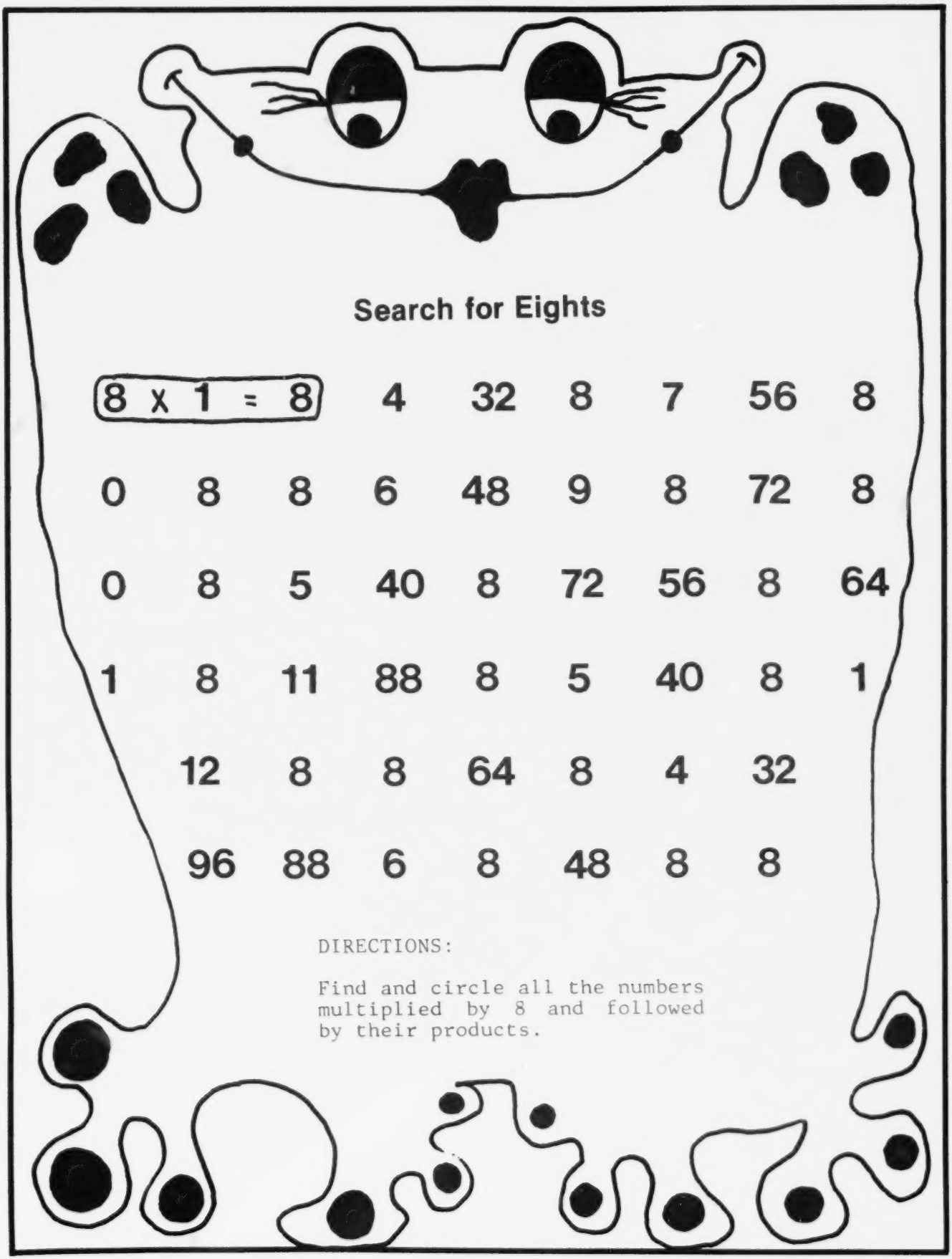
$9 \times 8 =$

$10 \times 8 =$

$11 \times 8 =$

$12 \times 8 =$



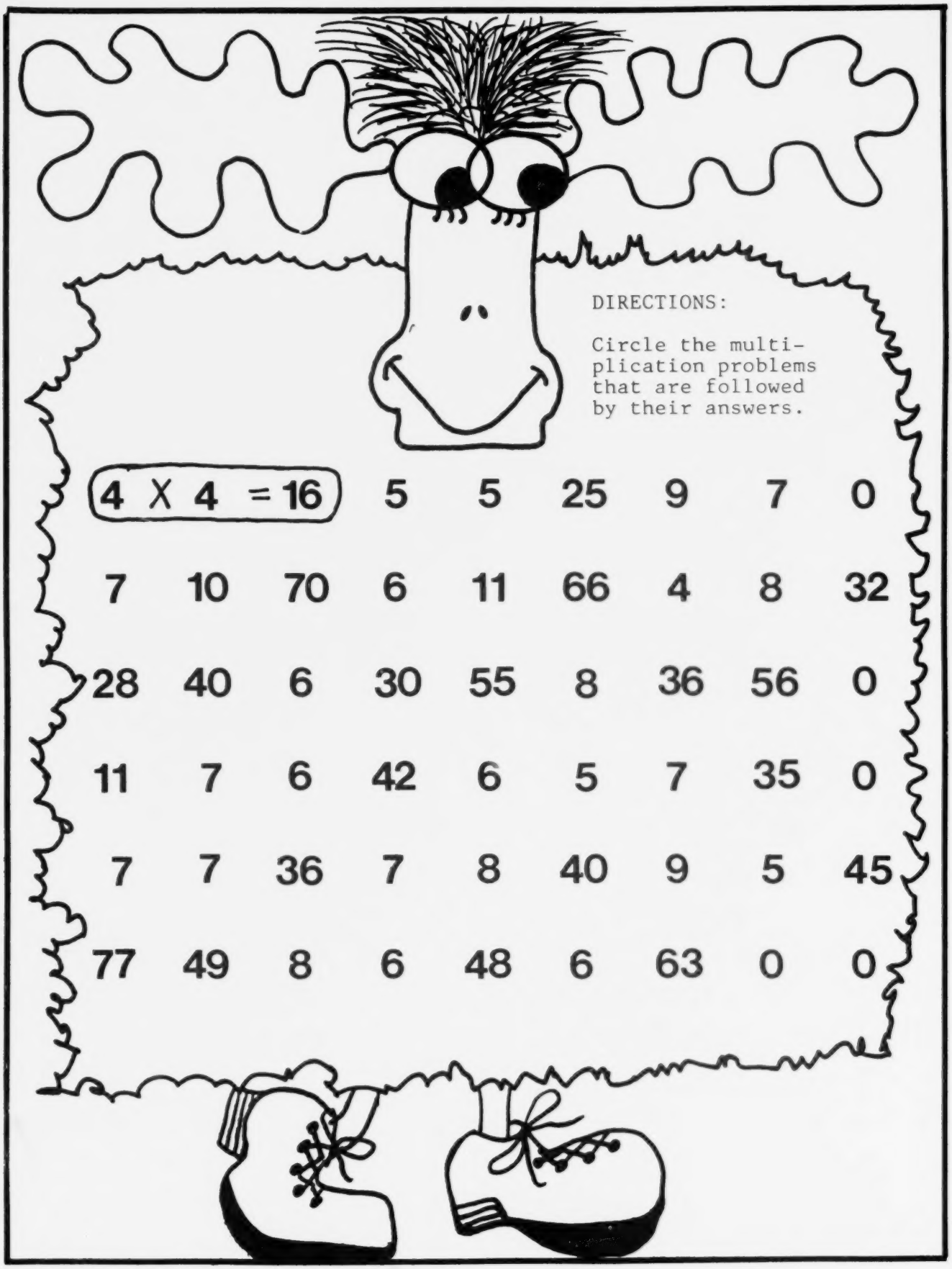


Search for Eights

8 x 1 = 8			4	32	8	7	56	8
0	8	8	6	48	9	8	72	8
0	8	5	40	8	72	56	8	64
1	8	11	88	8	5	40	8	1
	12	8	8	64	8	4	32	
	96	88	6	8	48	8	8	

DIRECTIONS:

Find and circle all the numbers multiplied by 8 and followed by their products.



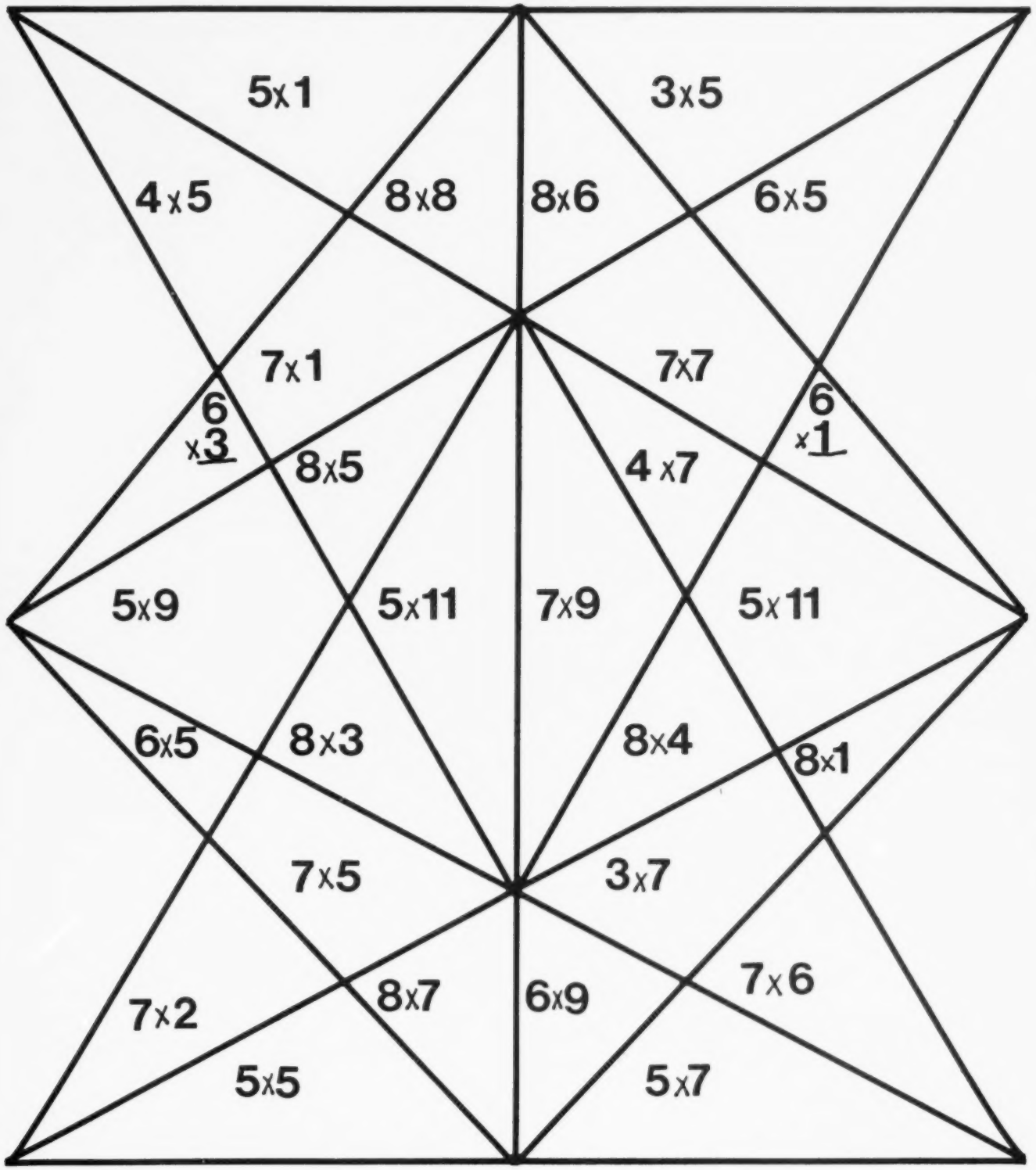
DIRECTIONS:

Circle the multiplication problems that are followed by their answers.

4 X 4 = 16	5	5	25	9	7	0
7	10	70	6	11	66	4	8	32
28	40	6	30	55	8	36	56	0
11	7	6	42	6	5	7	35	0
7	7	36	7	8	40	9	5	45
77	49	8	6	48	6	63	0	0

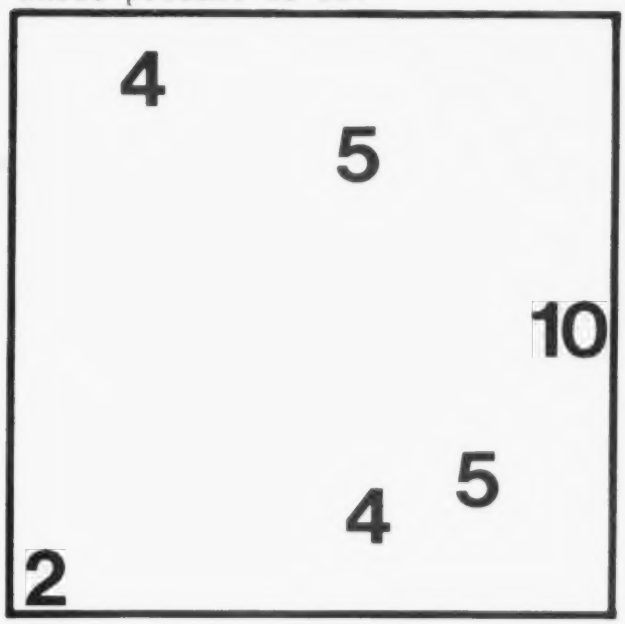
Multiplication Design

DIRECTIONS: Write the product of the two numbers in each space.
Color the spaces with an even product GREEN.
Color the spaces with an odd product ORANGE.

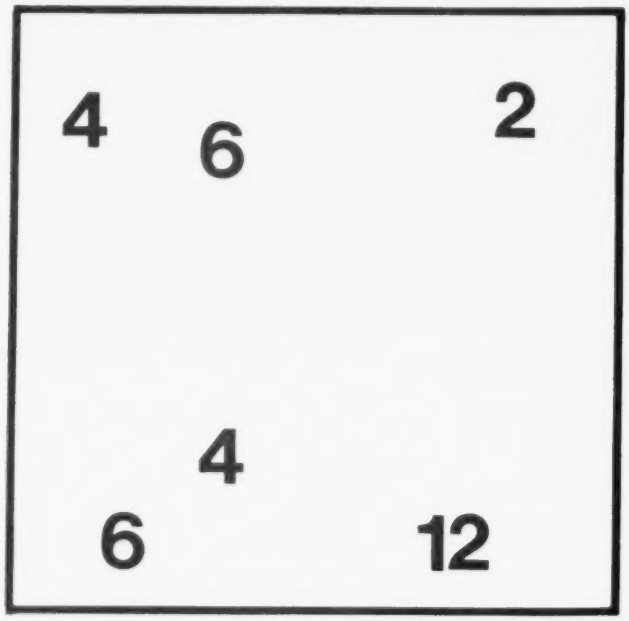


Line Puzzles

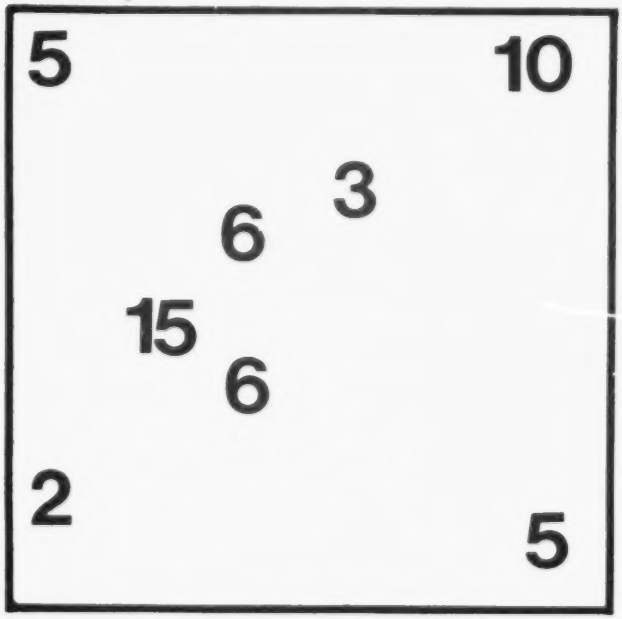
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 20.



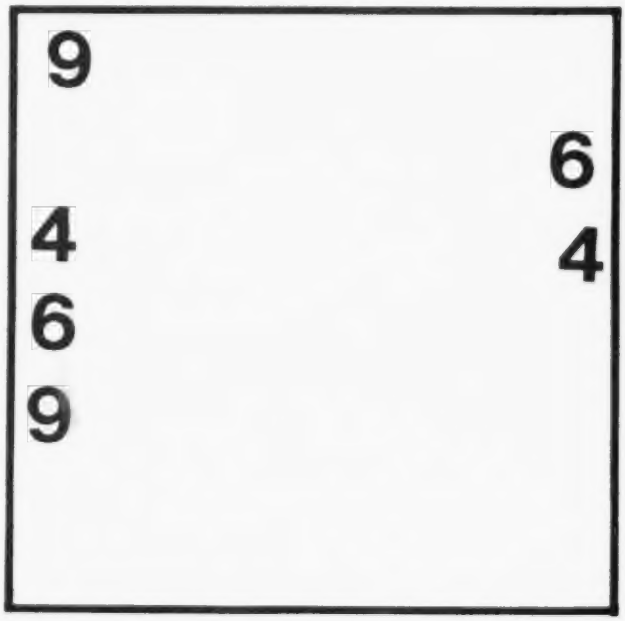
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 24.



Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 30.



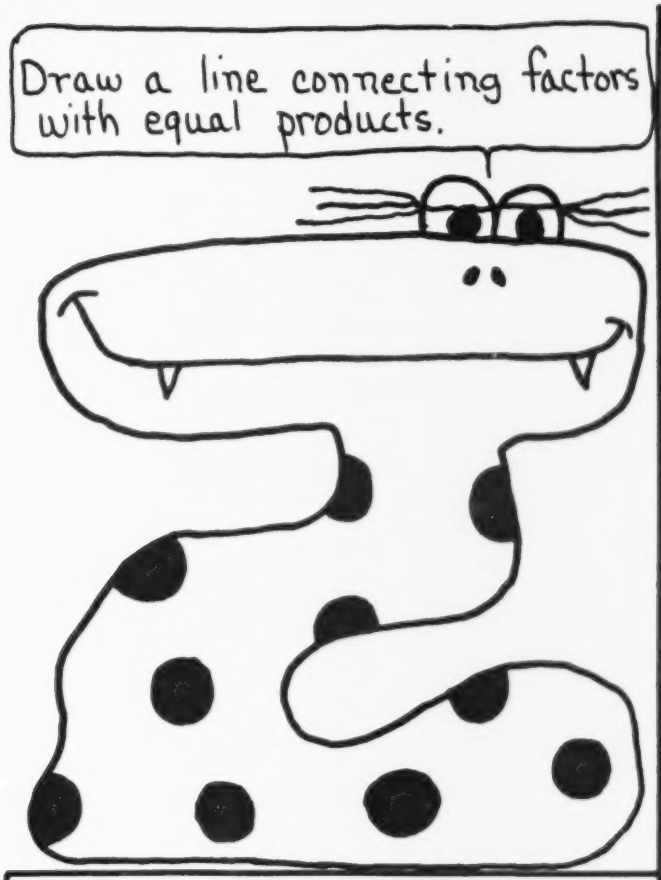
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 36.



Product Puzzles

DIRECTIONS: Write four repeated addition problems and four multiplication problems for the answer in each box below.

example: **18** 3+3+3+3+3+3= 6+6+6= 2+2+2+2+2+2+2+2+2= 9+9= 3x6= 6x3= 9x2= 2x9=	**20**
24	**30**
40	**48**



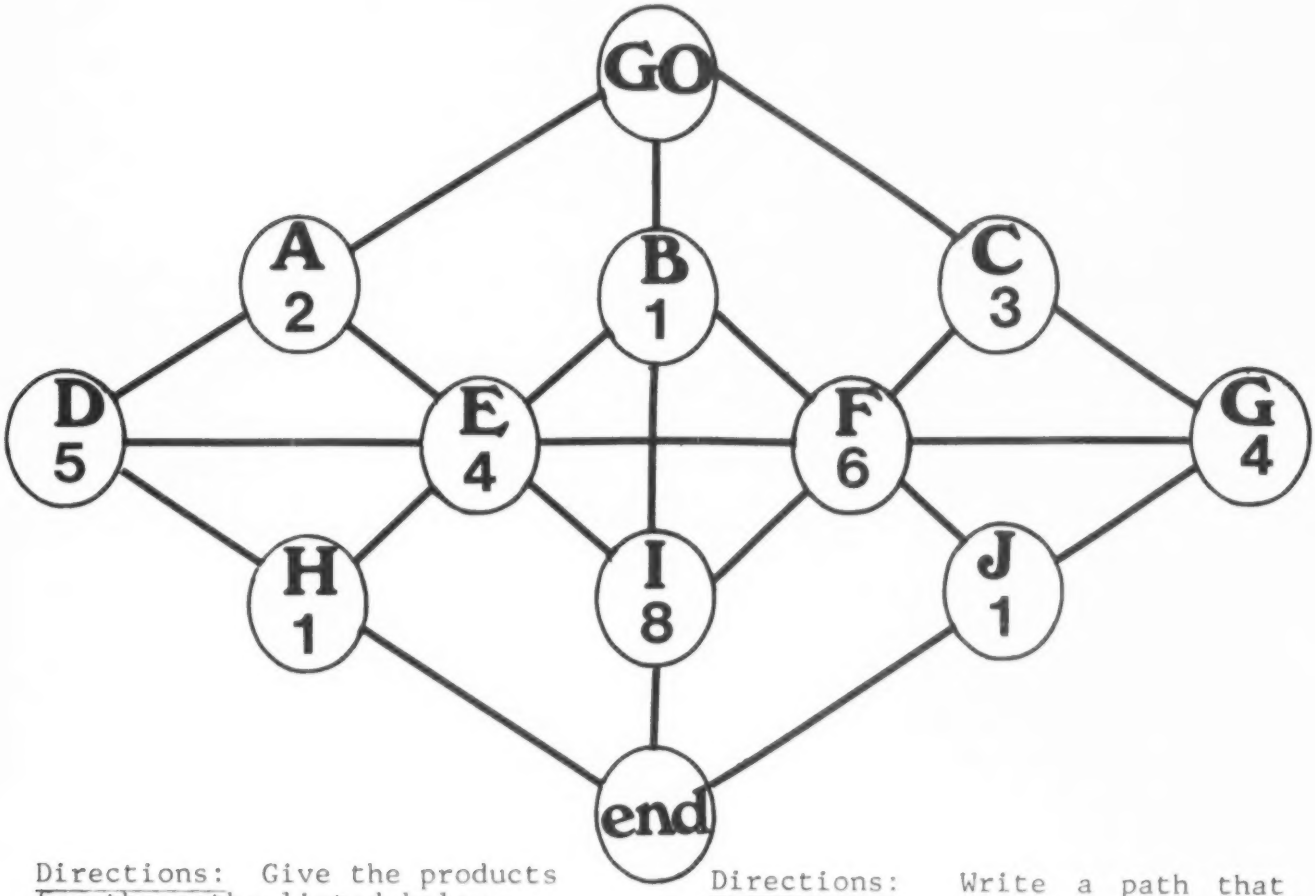
Matching Products

5 X 5	5 X 6
10 x 3	5 X 8
10 x 4	25 x 1
7 X 6	25 X 2
9 X 5	6 X 7
10 x 5	5 X 9

5 X 11	7 X 8	12 X 8	84 x 1
8 X 7	66 x 1	12 X 7	96 x 1
8 x 8	55 x 1	9 X 8	8 X 9
6 x 11	32 x 2	12 x 5	8 x 0
8 x 10	8 x 11	4 X 9	6 X 6
4 x 22	20 X 4	96 X 0	10 X 6

Multiplication Maze

DIRECTIONS: Begin in the circle marked "GO." Move along circles connected by a line. Stop in the circle marked "END." As you pass through the numbered circles, multiply each factor.



Directions: Give the products for the paths listed below.

B x E x H = 4

B x F x J = ☐

B x I = ☐

A x D x H = ☐

C x G x J = ☐

C x F x J = ☐

Directions: Write a path that equals the products listed below.

32 =

12 =

40 =

48 =

64 =

72 =

Nines

Circle every ninth number.

1	2	3	4	5	6	7	8	(9)	10	11	12
13	14	15	16	17	(18)	19	20	21	22	23	24
25	26	(27)	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108

1 X 9 =

2 X 9 =

3 X 9 =

4 X 9 = 9+9+9+9 = 36

5 X 9 =

6 X 9 =

7 X 9 =

8 X 9 =

9 X 9 =

10 X 9 =

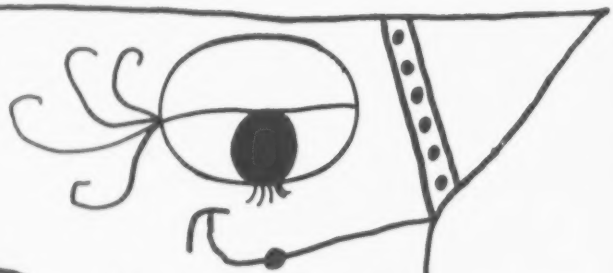
11 X 9 =

12 X 9 =

Search for Nines

DIRECTIONS:

Find and circle all the numbers multiplied by 9 and followed by their products.



9	9 X 0 = 0			9	5	45
1	5	9	7	63	9	9
9	45	6	9	9	0	0
81	9	54	8	2	9	0
9	11	99	72	18	12	108
9	3	27	9	10	90	0
	9	9	81	8	7	

Magic Squares

5	2	
		2
	4	

2	5	
		1
2		

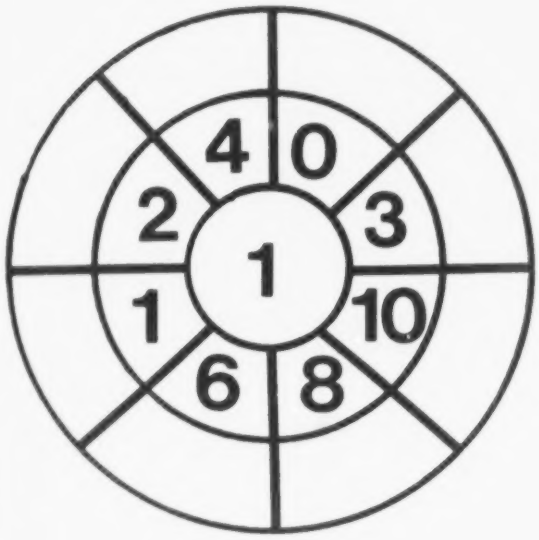
3		
	2	4
6		

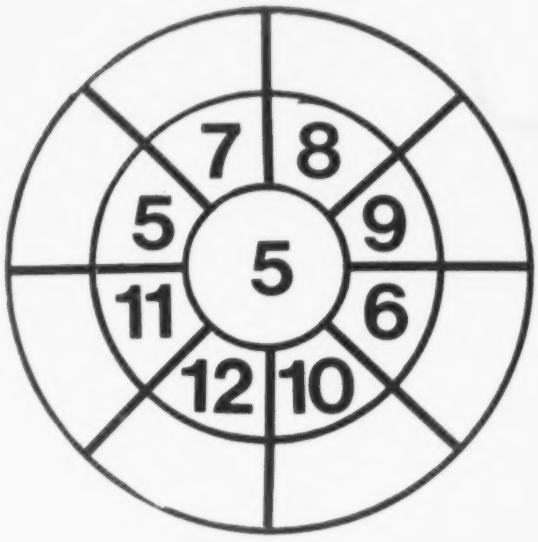
3		9
9		81

3	3	
	3	
		27

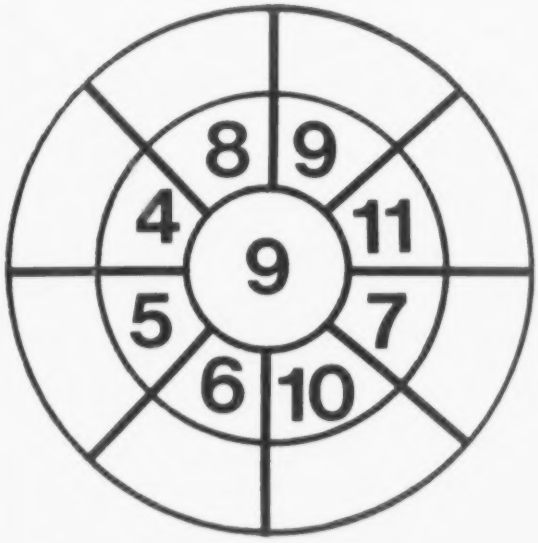
4	1	
		4
8		

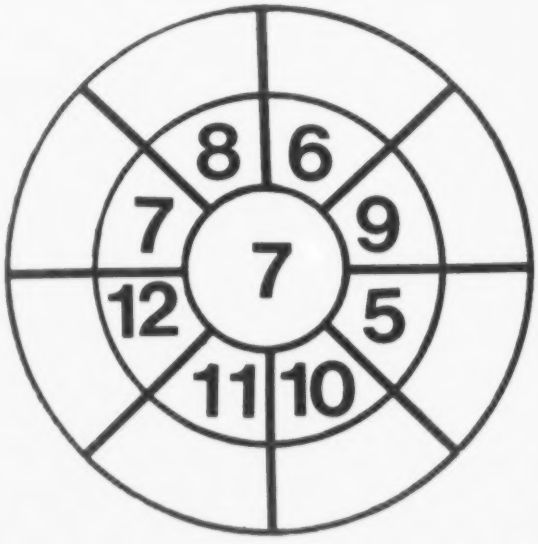
Bull's-eye Multiplication



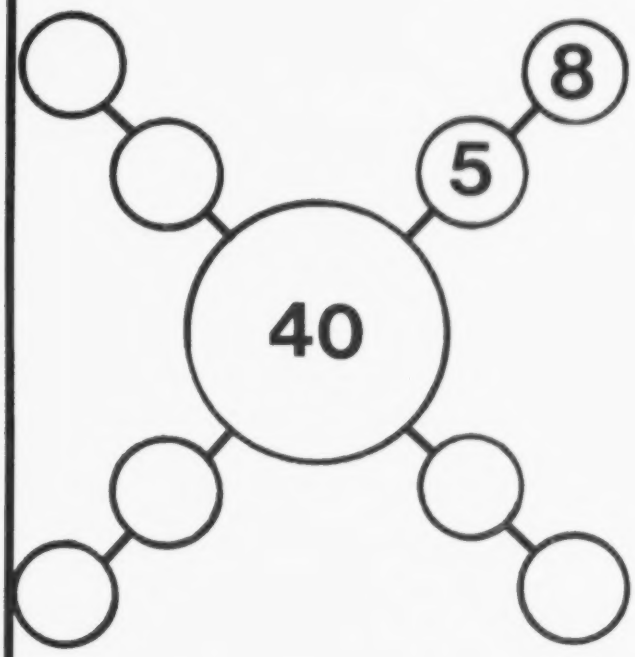


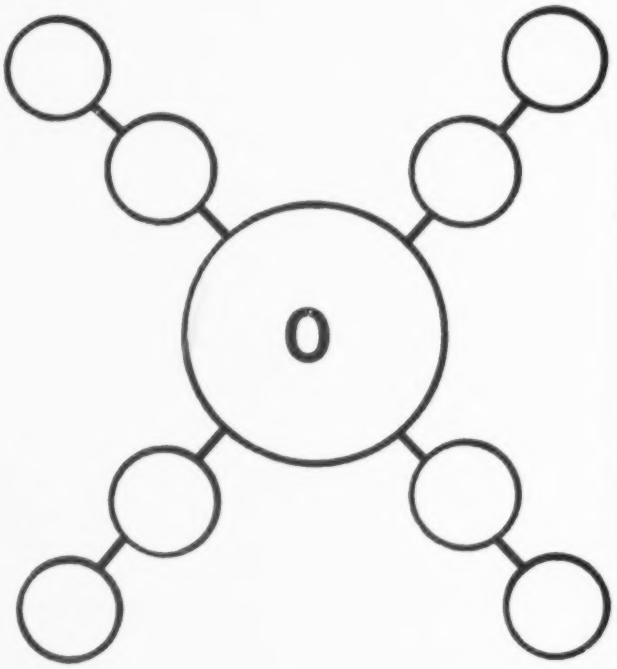
DIRECTIONS: Multiply the number in the center by each number in the inner ring. Write your answers in the outside ring.



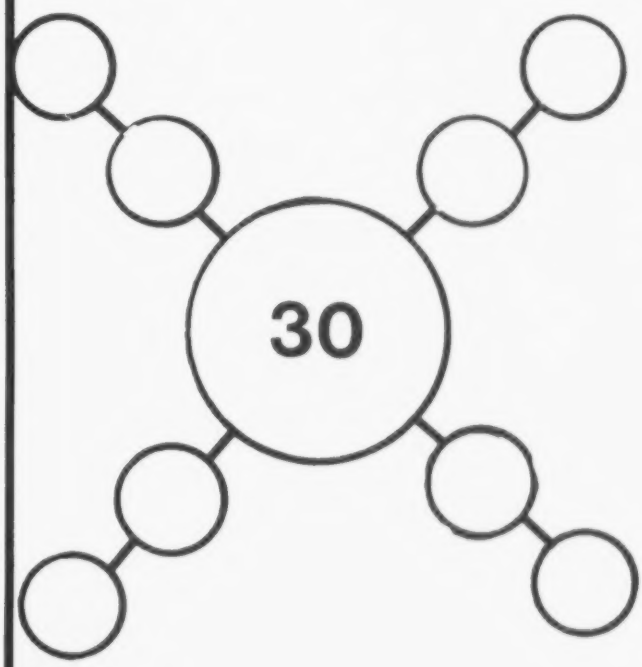


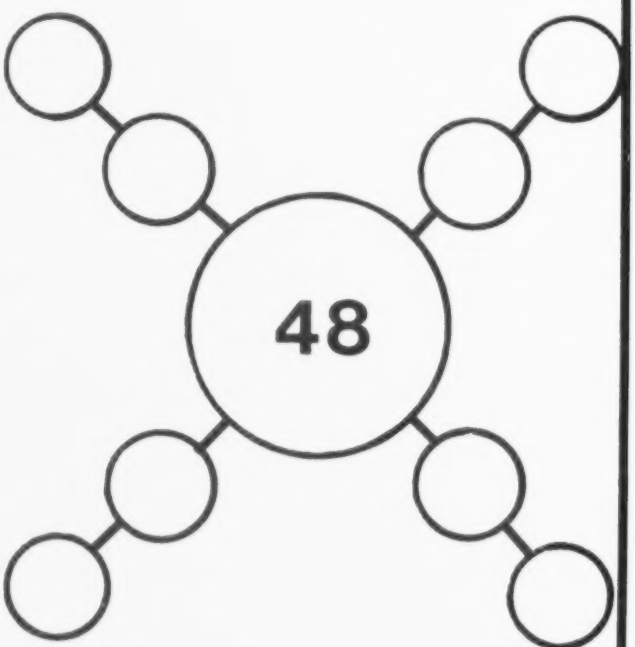
Pluto Products





DIRECTIONS: Find two numbers with a product of the number in the larger center circle. Write each factor in the smaller circles. For example: 5 X 8 = 40.



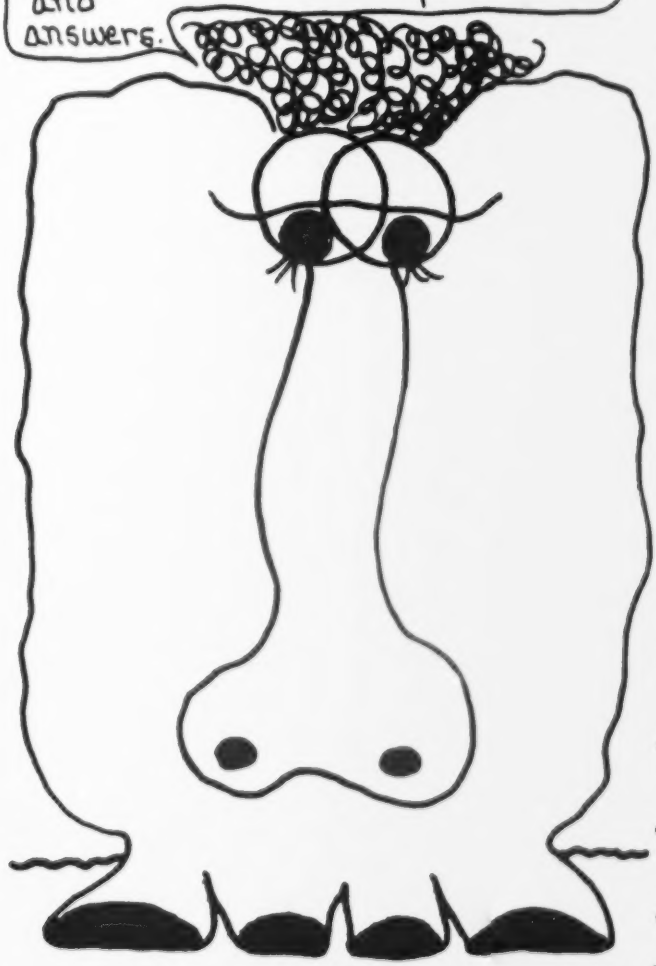


Tens

Circle every tenth number.

1	2	3	4	5	6	7	8	9	(10)	11	12
13	14	15	16	17	18	19	(20)	21	22	23	24
25	26	27	28	29	(30)	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120

Write the addition problems and answers.



1 x 10 =

2 x 10 =

3 x 10 = 10+10+10=30

4 x 10 =

5 x 10 =

6 x 10 =

7 x 10 =

8 x 10 =

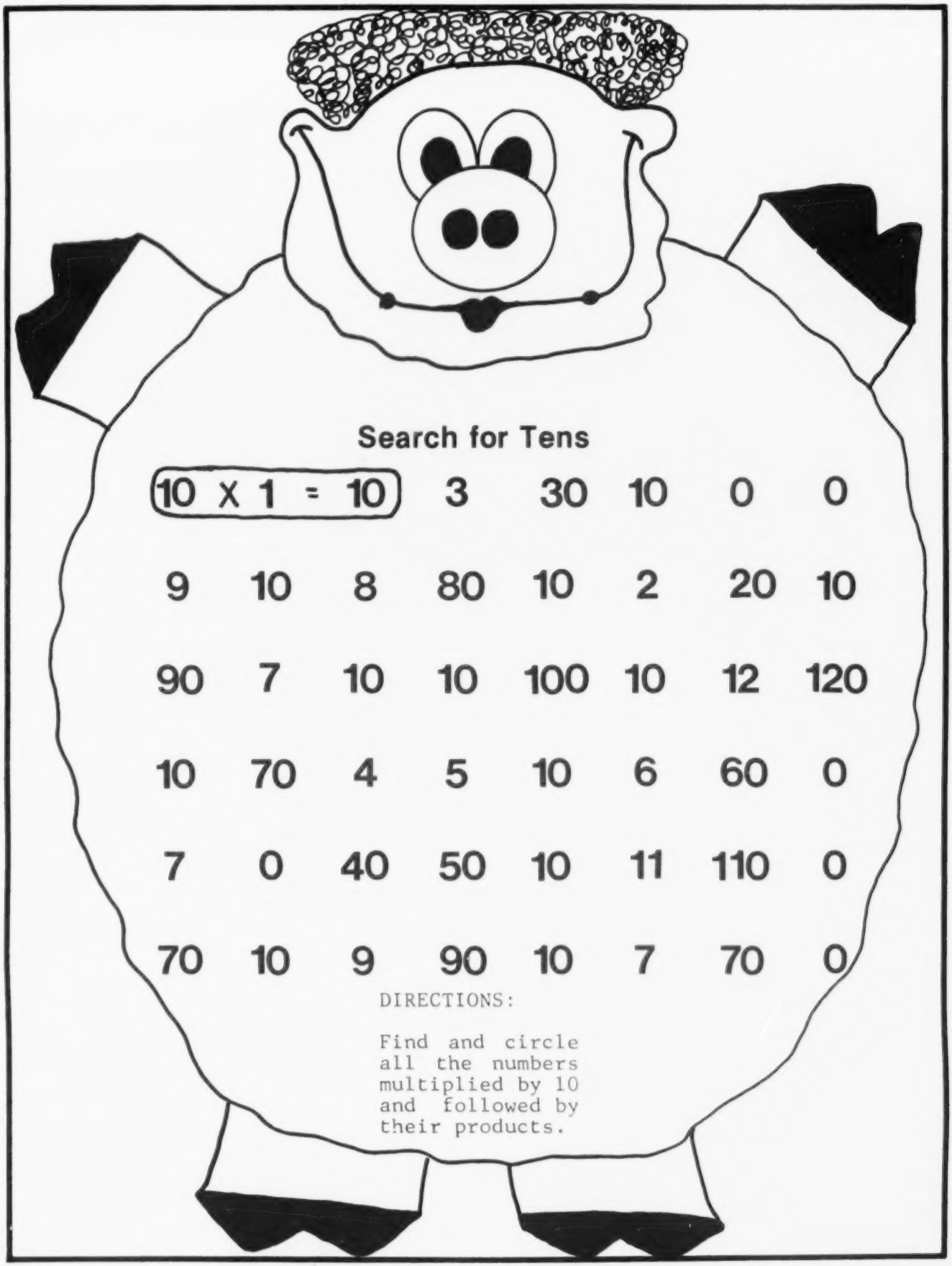
9 x 10 =

10 x 10 =

11 x 10 =

12 x 10 =

44



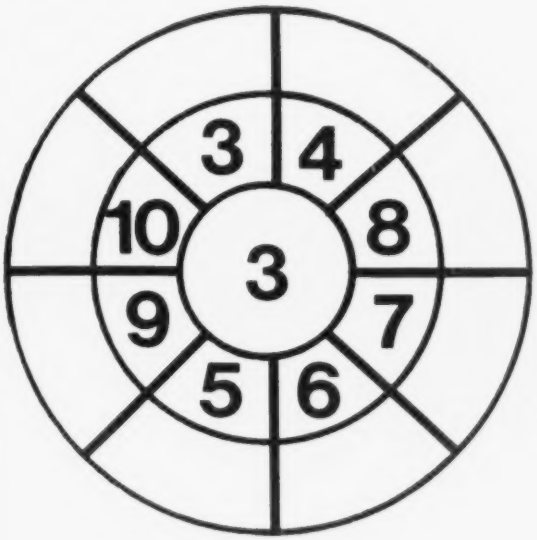
Search for Tens

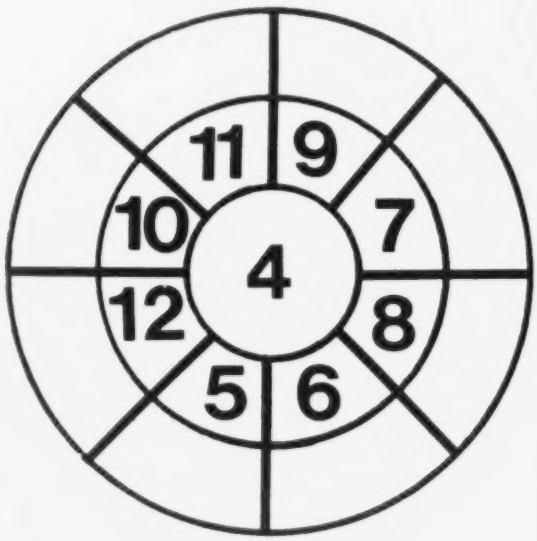
10 X 1 = 10		3		30	10	0	0
9	10	8	80	10	2	20	10
90	7	10	10	100	10	12	120
10	70	4	5	10	6	60	0
7	0	40	50	10	11	110	0
70	10	9	90	10	7	70	0

DIRECTIONS:

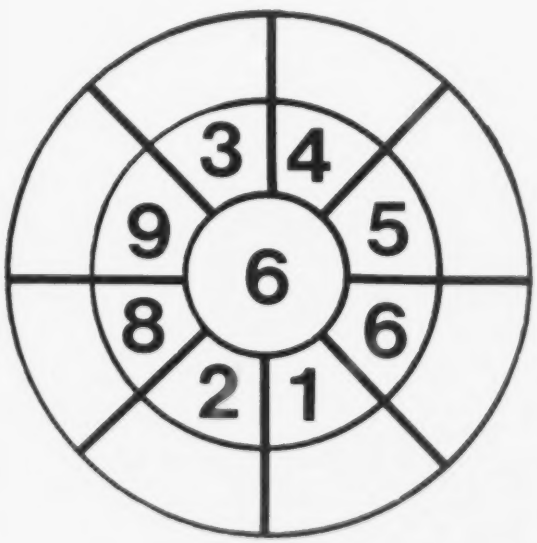
Find and circle all the numbers multiplied by 10 and followed by their products.

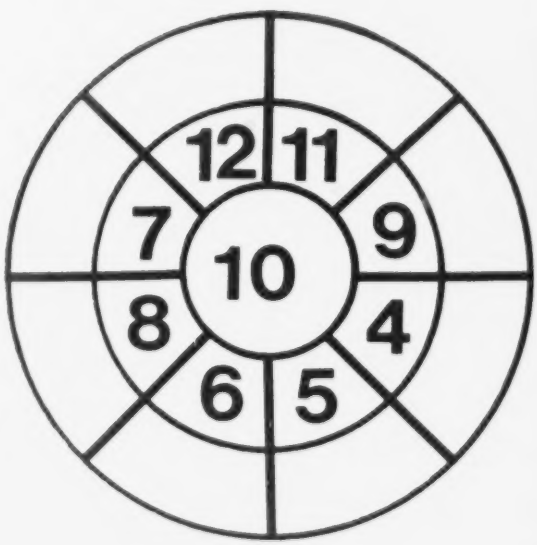
Bull's-eye Multiplication





DIRECTIONS: Multiply the number in the center by each number in the inner ring. Write your answers in the outside ring.

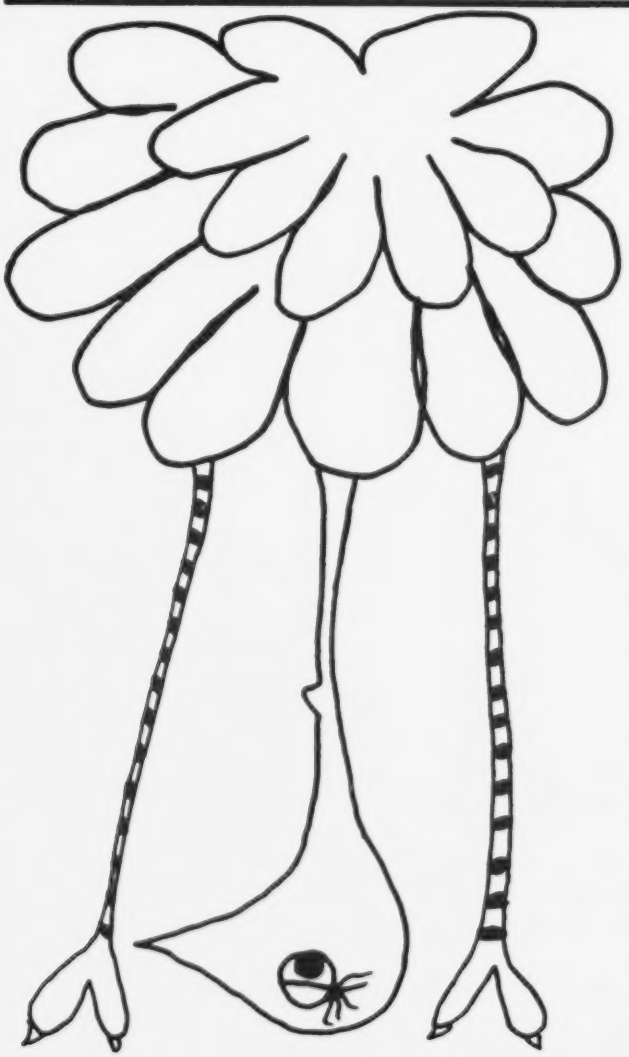




Elevens

Circle the eleventh number.

1	2	3	4	5	6	7	8	9	10	(11)	12
13	14	15	16	17	18	19	20	21	(22)	23	24
25	26	27	28	29	30	31	32	(33)	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132



1 x 11 =

2 x 11 = 11 + 11 = 22

3 x 11 =

4 x 11 =

5 x 11 =

6 x 11 =

7 x 11 =

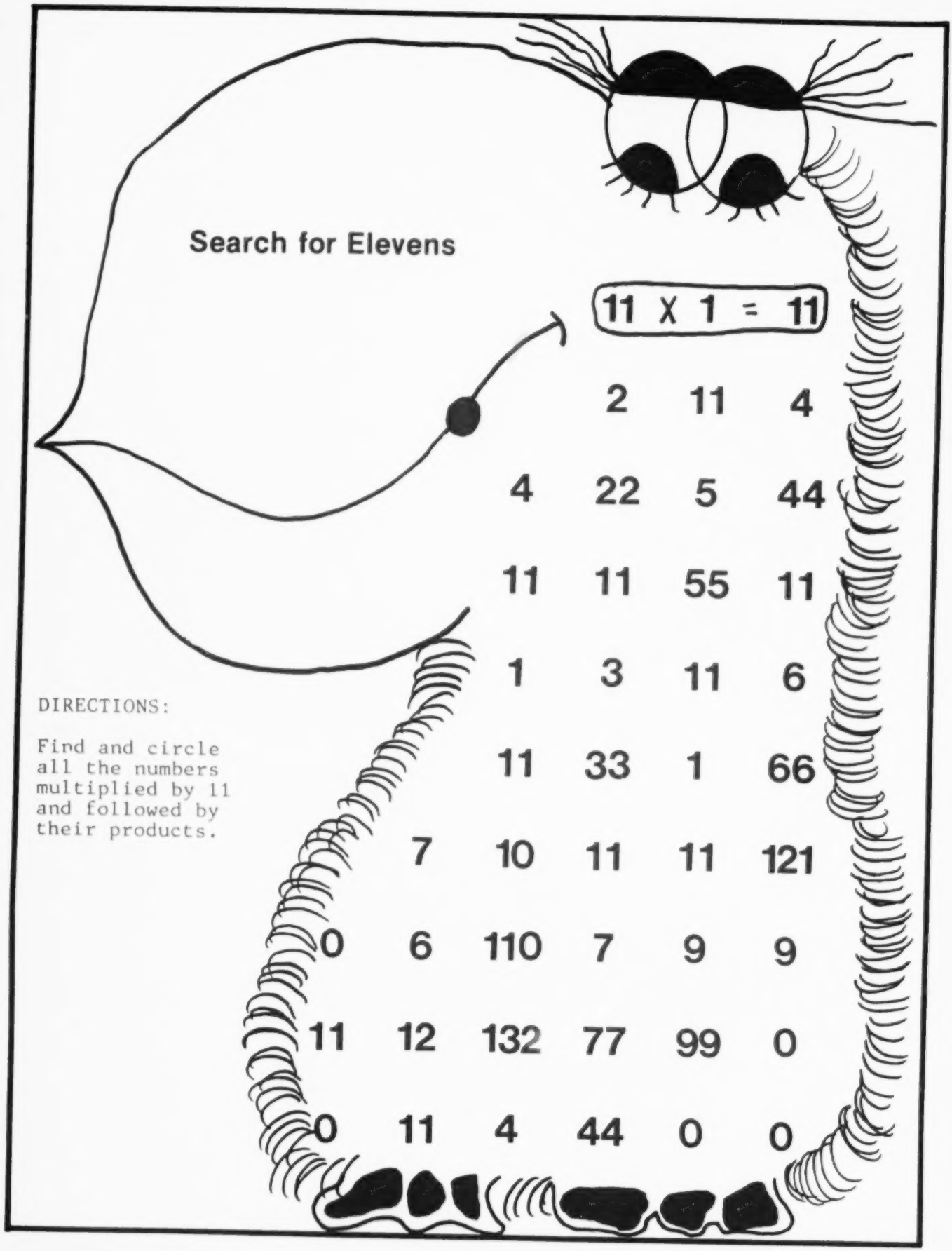
8 x 11 =

9 x 11 =

10 x 11 =

11 x 11 =

12 x 11 =

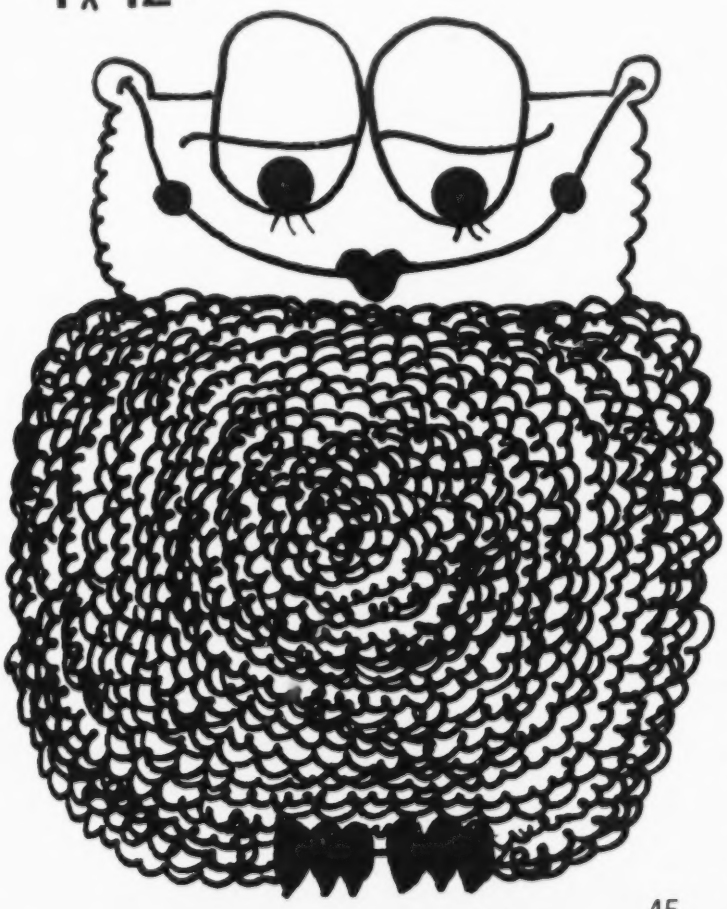

Search for Elevens
11 X 1 = 11
2 11 4
4 22 5 44
11 11 55 11
1 3 11 6
11 33 1 66
7 10 11 11 121
0 6 110 7 9 9
11 12 132 77 99 0
0 11 4 44 0 0
DIRECTIONS:
Find and circle all the numbers multiplied by 11 and followed by their products.

Twelves

Circle the twelfth number.

1	2	3	4	5	6	7	8	9	10	11	(12)
13	14	15	16	17	18	19	20	21	22	23	(24)
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

1 X 12 =



2 X 12 =

3 X 12 = 12+12+12=36

4 X 12 =

5 X 12 =

6 X 12 =

7 X 12 =

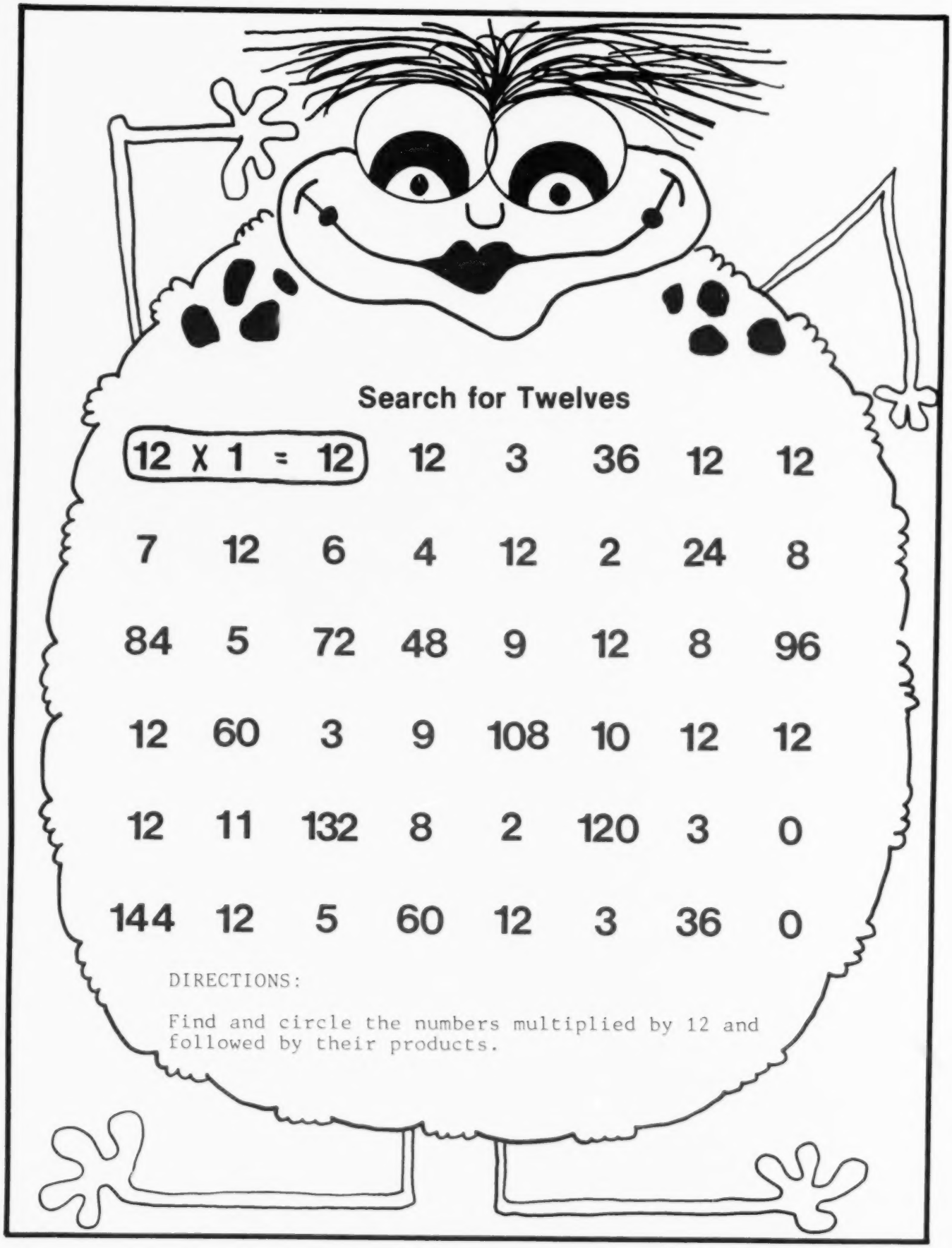
8 X 12 =

9 X 12 =

10 X 12 =

11 X 12 =

12 X 12 =



Search for Twelves

12 X 1 = 12		12	3	36	12	12	
7	12	6	4	12	2	24	8
84	5	72	48	9	12	8	96
12	60	3	9	108	10	12	12
12	11	132	8	2	120	3	0
144	12	5	60	12	3	36	0

DIRECTIONS:

Find and circle the numbers multiplied by 12 and followed by their products.

Magic Squares

7		7
		6
	6	

5	3	
		2
5		

12	1	
1		
		144

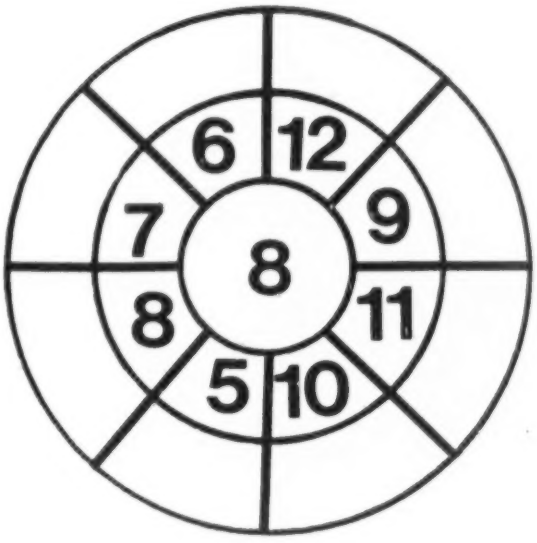
4	3	
		3
	9	

3	4	
		12
		144

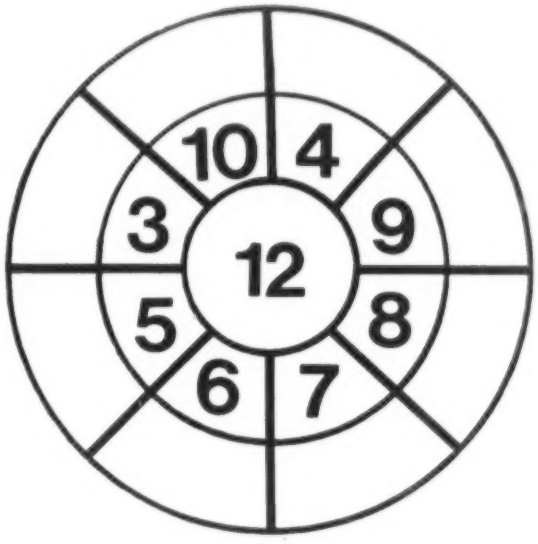
8	3	
		0
32		

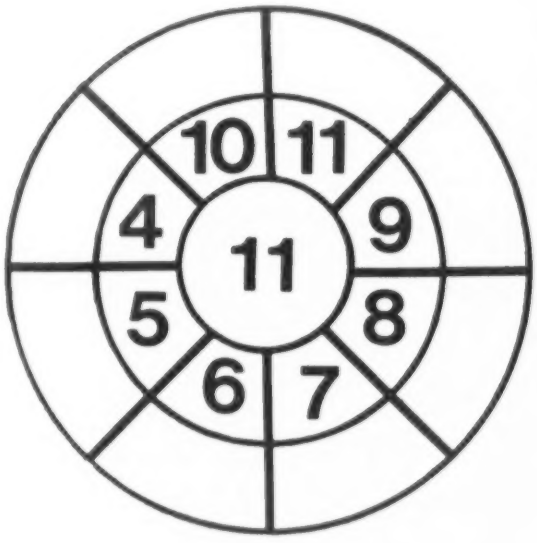
47 51

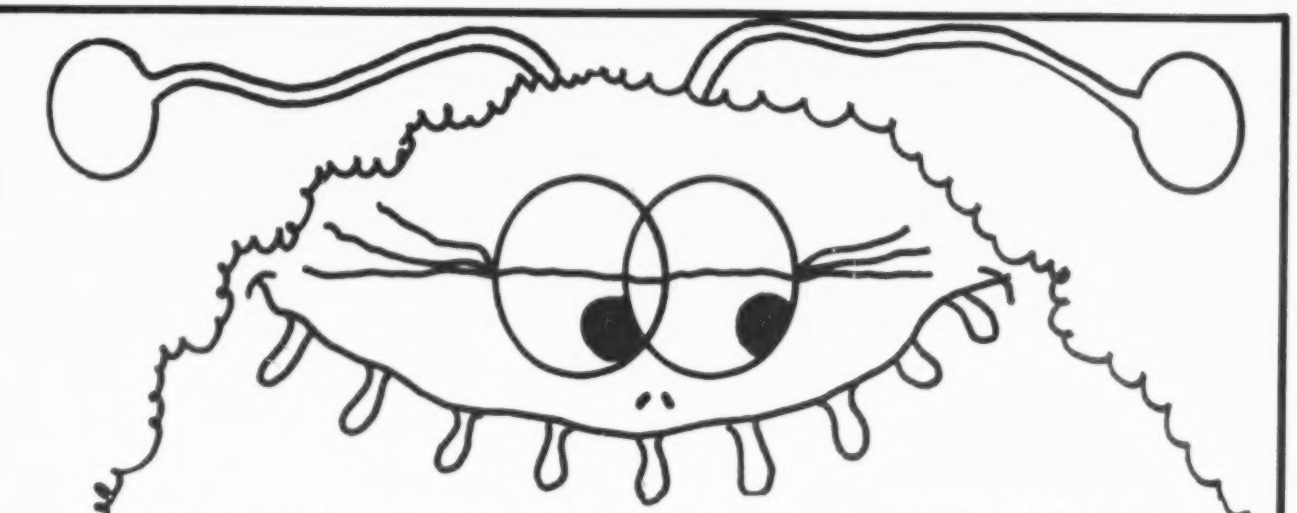
Bull's-eye Multiplication



DIRECTIONS: Multiply the number in the center by each number in the inner ring. Write your answers in the outside ring.





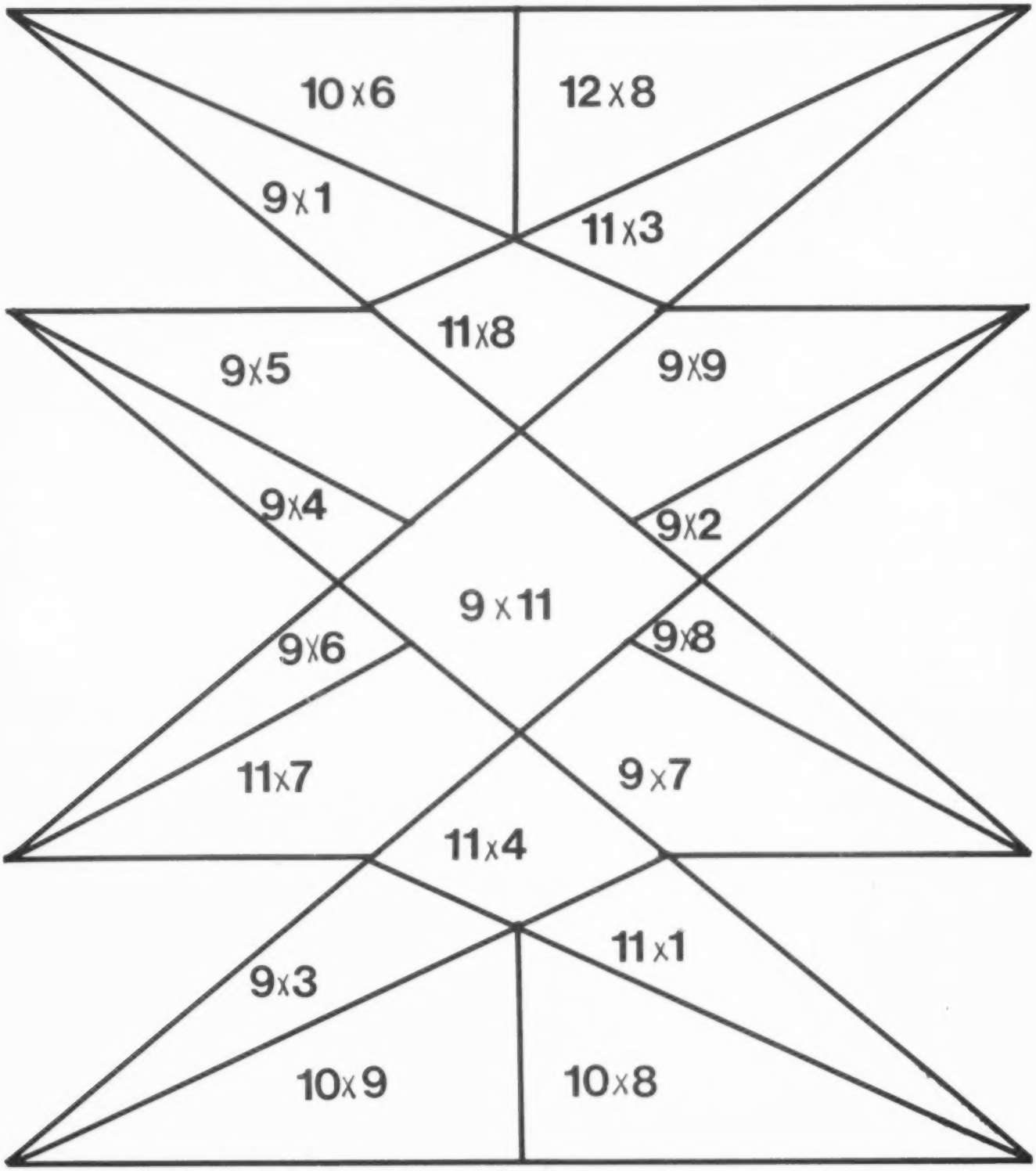


DIRECTIONS: Circle the multiplication problems that are followed by their answers.

7 x 7 = 49		8		8		64	9	9	81
9	11	99	10	10	100	10	12	0	
63	11	12	12	144	8	90	108	0	
0	121	11	10	110	11	7	77		
	0	132	120	0	88	0	0		
		7	10	70	0	0			

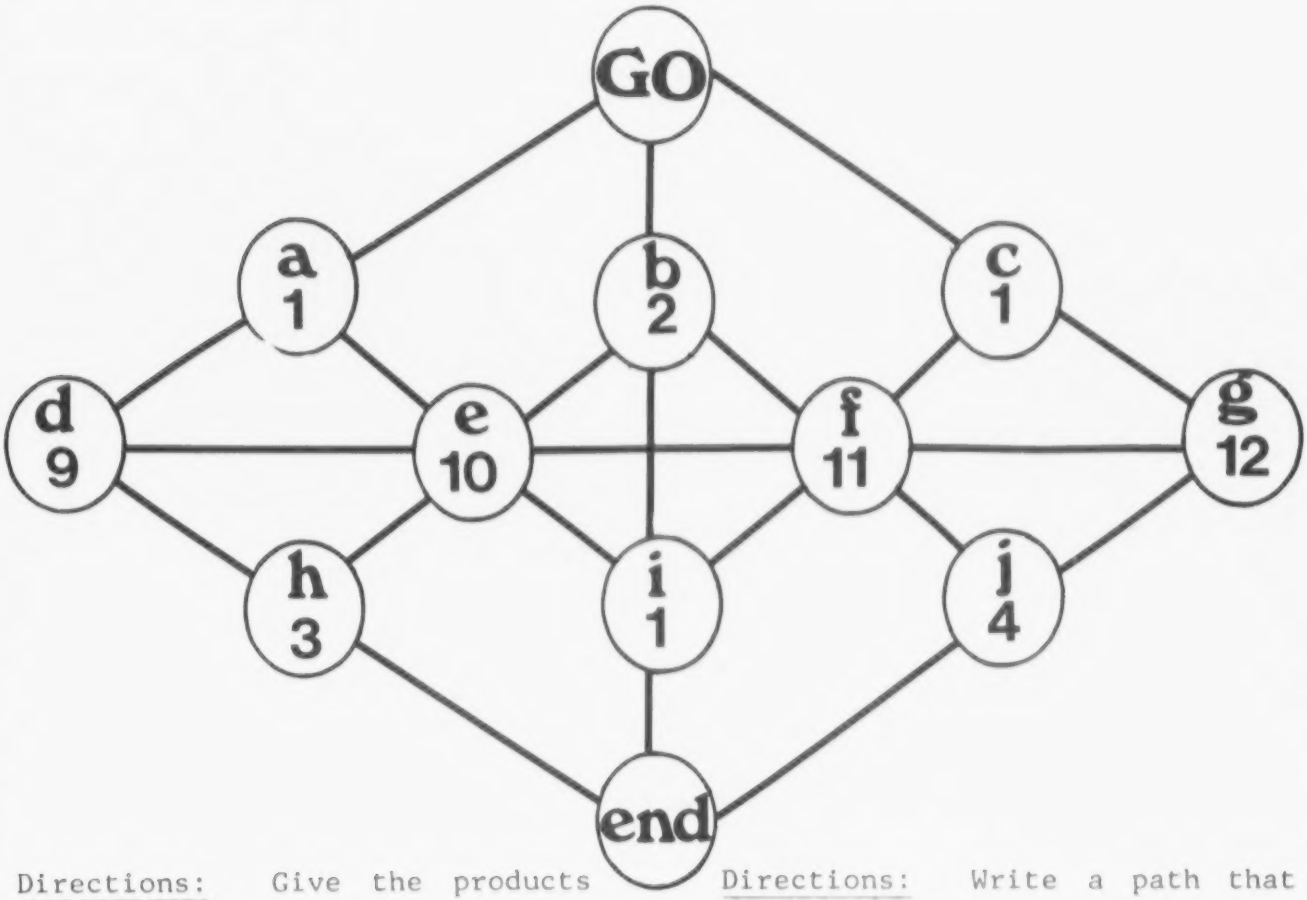
Multiplication Design

DIRECTIONS: Write the product of the two numbers in each space.
Color the spaces with an even product RED.
Color the spaces with an odd product BLUE.



Multiplication Maze

DIRECTIONS: Begin in the circle marked "GO." Move along circles connected by a line. Stop in the circle marked "END." As you pass through the numbered circles, multiply each factor.



Directions: Give the products for the paths listed below.

a x e x i = ☐

c x f x i = ☐

b x e x i = ☐

b x f x i = ☐

a x e x h = ☐

c x f x j = ☐

Directions: Write a path that equals the products listed below.

27 =

48 =

60 =

88 =

132 =

180 =

Product & Factor Puzzles

Draw a line connecting the factors that have equal products.

9 X 8	72 X 1
10 X 8	81 X 1
9 X 9	20 X 4
11 X 8	99 X 1
11 X 9	88 X 1
10 X 10	25 X 4
12 X 9	10 X 11
11 X 10	108 X 1
12 X 10	60 X 2
11 X 11	12 X 11
11 X 12	144 X 1
12 X 12	121 X 1

Write the missing factor in box below.

12 X ☐ = 144

11 X ☐ = 110

12 X ☐ = 72

11 X ☐ = 99

7 X ☐ = 77

11 X ☐ = 132

11 X ☐ = 121

10 X ☐ = 120

9 X ☐ = 81

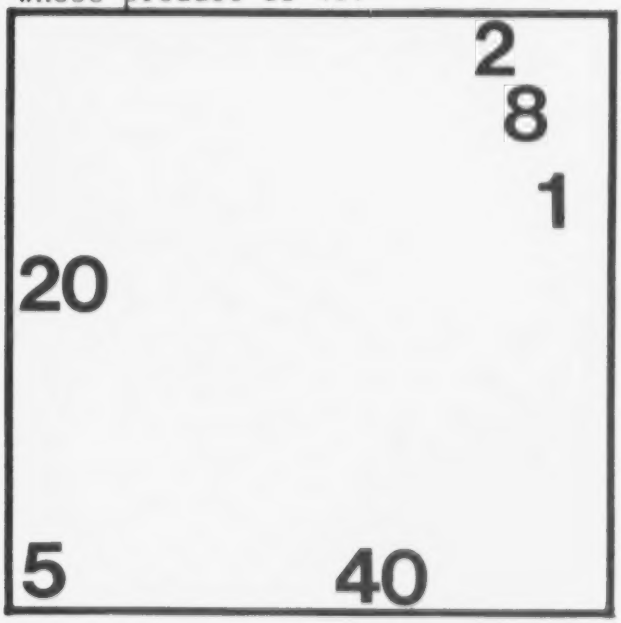
10 X ☐ = 80

10 X ☐ = 100

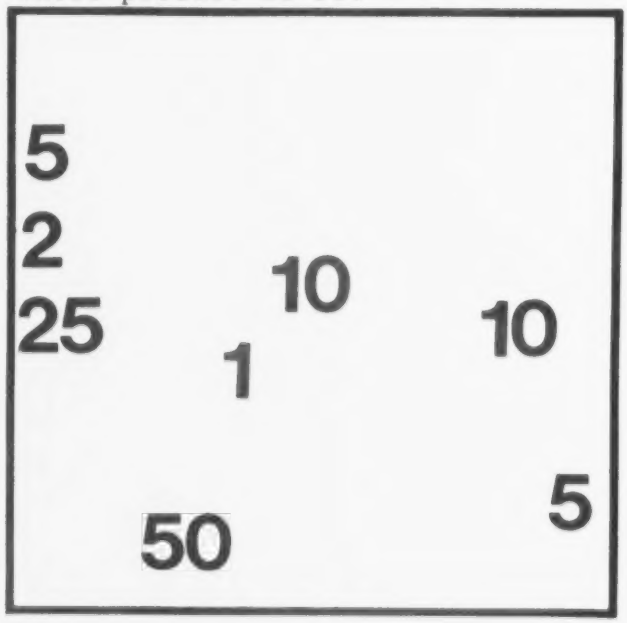
9 X ☐ = 108

Line Puzzles

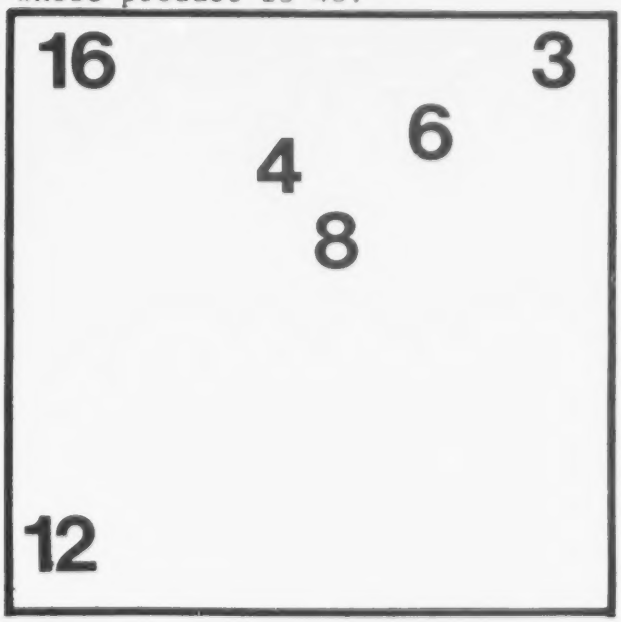
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 40.



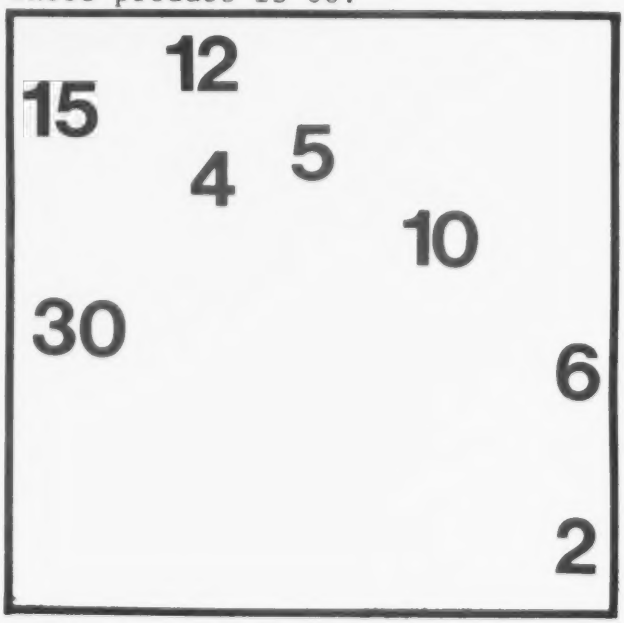
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 50.



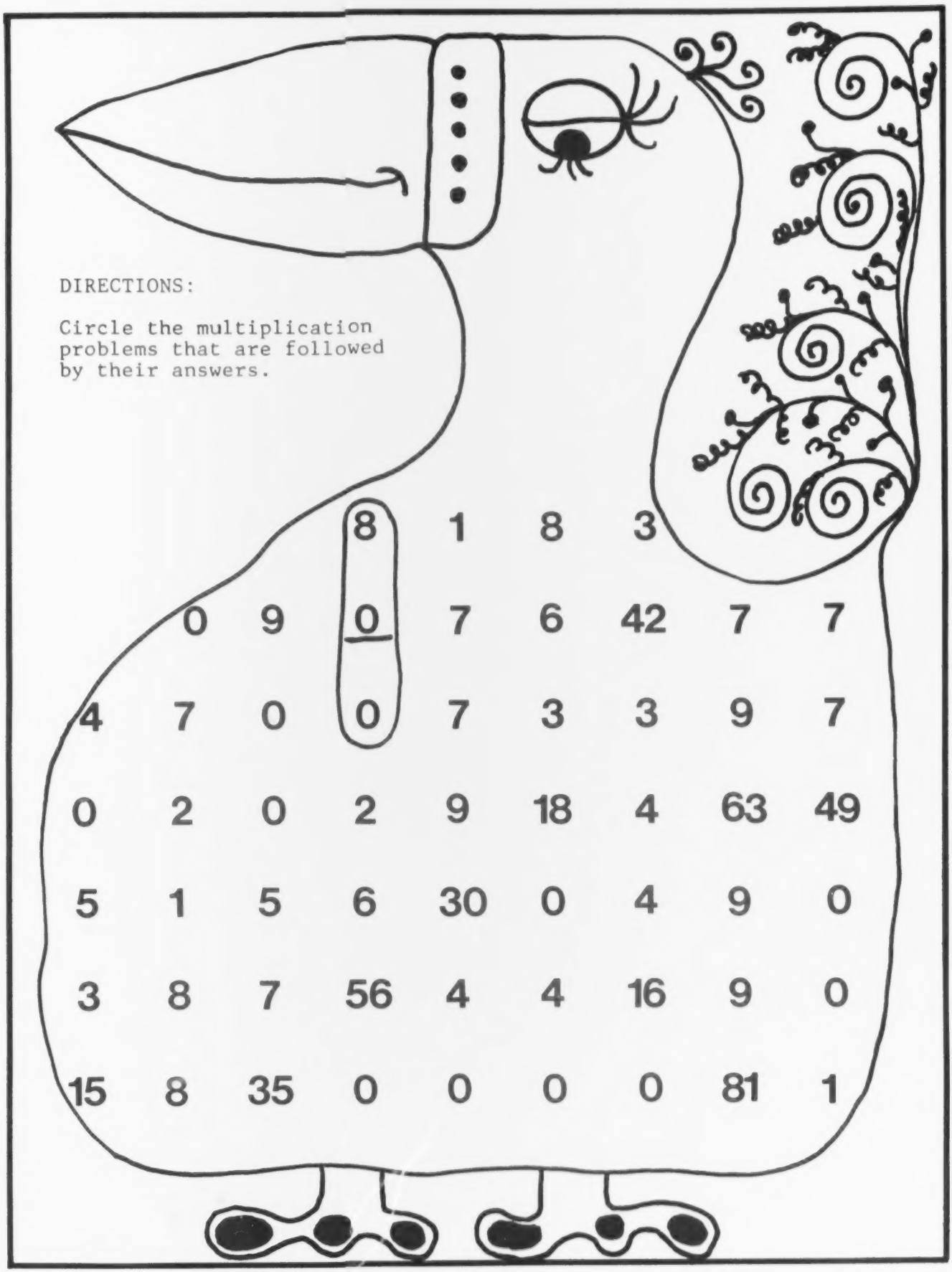
Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 48.



Draw two straight lines to divide the square. Each area the lines create should contain two numbers whose product is 60.



57



DIRECTIONS:

Circle the multiplication problems that are followed by their answers.

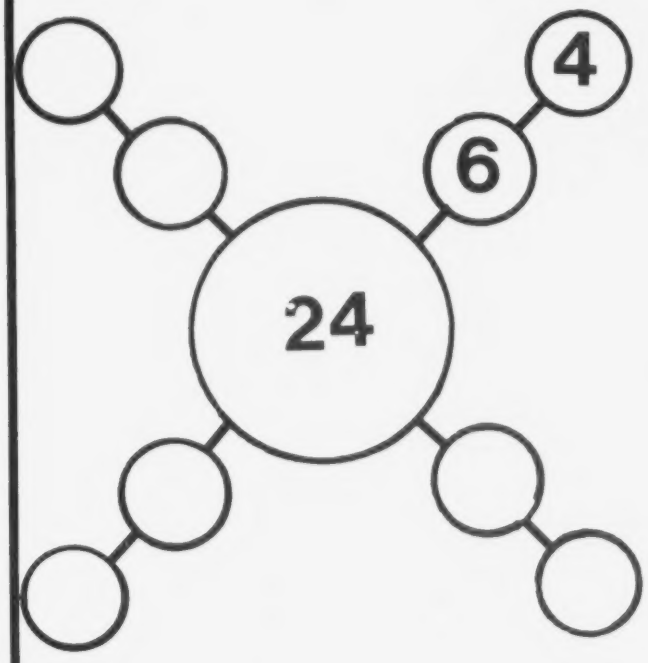
			8	1	8	3		
	0	9	0	7	6	42	7	7
4	7	0	0	7	3	3	9	7
0	2	0	2	9	18	4	63	49
5	1	5	6	30	0	4	9	0
3	8	7	56	4	4	16	9	0
15	8	35	0	0	0	0	81	1

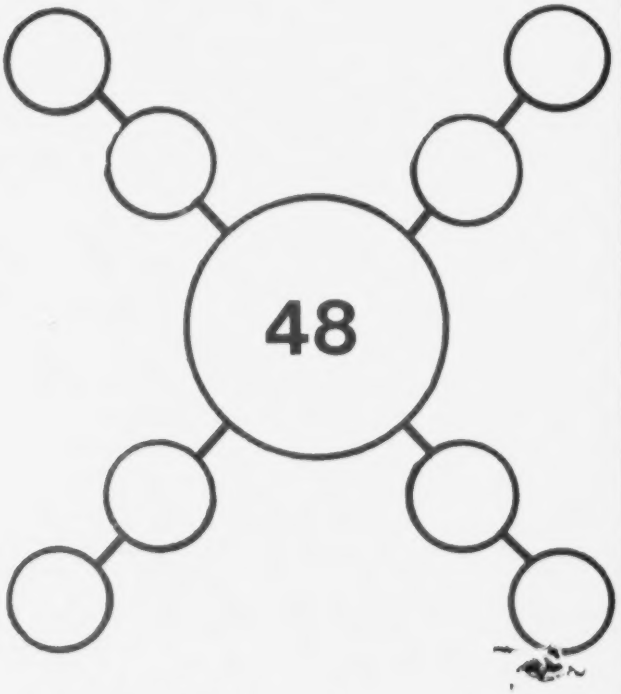
DIRECTIONS:

Circle the multiplication problems that are followed by their answers.

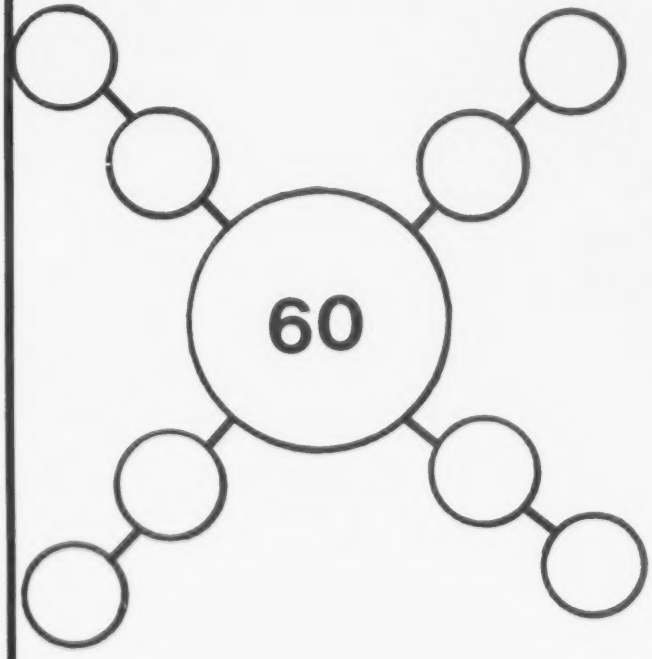
7	7	49	7	11	77	0	0
8	9 X 9 = 81		9	7	63	8	
56	11	8	88	8	8	64	0
0	99	11	6	66	56	9	7
9	10	90	0	0	8	1	3
0	1	1	70	70	9	9	81
9	5	45	9	8	72	0	0

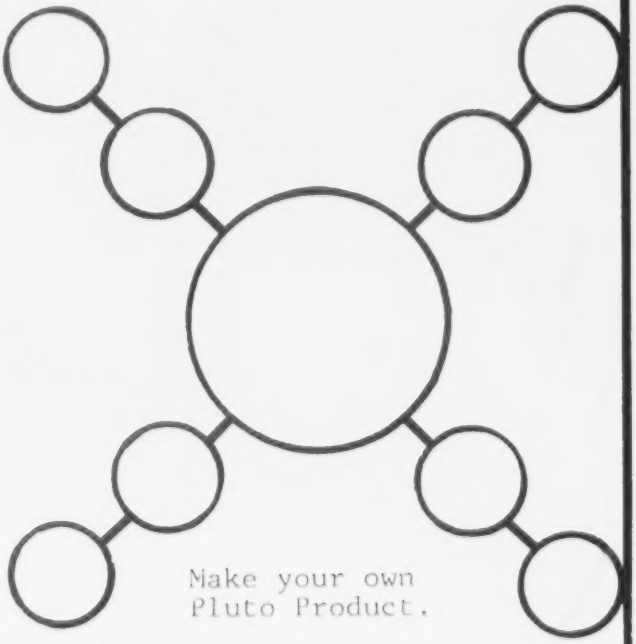
Pluto Products





DIRECTIONS: Find two numbers with a product of the number in the larger center circle. Write each factor in the smaller circles. For example: 6 X 4 = 24.





Make your own Pluto Product.

Just for the Fun Multiplication Chart

DIRECTIONS:

Complete the multiplication chart. Color the squares with an even product orange. Color the squares with an odd product pink. Do you see a pattern?

	0	1	2	3	4	5	6	7	8	9	10	11	12
0													
1													
2													
3													
4													
5													
6							36						
7													
8													
9													
10													
11													
12													

Multiplication Test

Name _____

Number Correct _____

Time Needed _____

3x12=□	9x10=□	3x10=□
5x 5=□	11x11=□	5x 7=□
6x 9=□	3x11=□	3x 4=□
1x 1=□	2x 7=□	4x 6=□
4x11=□	7x 8=□	5x 9=□
7x 7=□	0x 2=□	2x11=□
8x 9=□	1x 6=□	0x 8=□

Multiplication Test

Name _____

Number Correct _____

Time Needed _____

0 x 4 = ☐	6 x 8 = ☐	5 x 10 = ☐
1 x 3 = ☐	2 x 9 = ☐	3 x 6 = ☐
1 x 7 = ☐	9 x 9 = ☐	1 x 4 = ☐
7 x 9 = ☐	1 x 9 = ☐	2 x 5 = ☐
8 x 11 = ☐	4 x 9 = ☐	2 x 10 = ☐
10 x 11 = ☐	7 x 11 = ☐	2 x 3 = ☐
6 x 6 = ☐	1 x 11 = ☐	4 x 4 = ☐

Multiplication Test

Name _____

Number Correct _____

Time Needed _____

2 x 6=	5x11=	12x12=
0 x 6=	2 x 8=	0x11=
1 x 5=	3 x 3=	1 x 8=
5 x 8=	0 x 1=	5 x 6=
8x10=	1 x 2=	6x11=
8 x 8=	5x12=	4 x 7=
4 x 8=	9x11=	3 x 8=

Multiplication Test

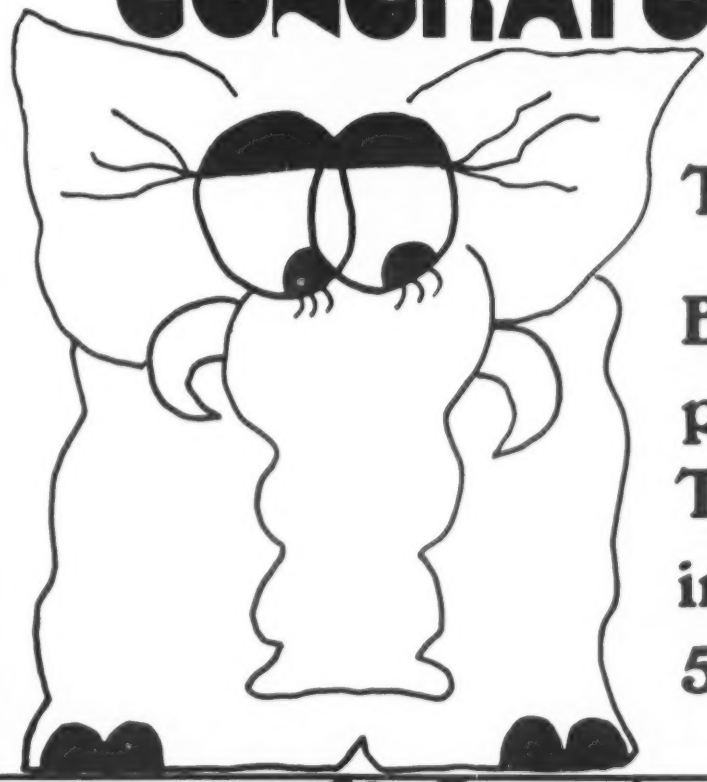
Name _____

Number Correct _____

Time Needed _____

1 x 10 = ☐	3 x 9 = ☐	10 x 10 = ☐
2 x 2 = ☐	6 x 7 = ☐	4 x 12 = ☐
4 x 5 = ☐	9 x 12 = ☐	4 x 1 = ☐
6 x 12 = ☐	1 x 12 = ☐	3 x 7 = ☐
3 x 5 = ☐	2 x 4 = ☐	6 x 10 = ☐
7 x 10 = ☐	4 x 10 = ☐	2 x 12 = ☐
11 x 12 = ☐	10 x 12 = ☐	8 x 12 = ☐

CONGRATULATIONS



TO_____

Because you passed the TIMED TEST in less than 5 minutes!!

SUPER

to_____

MATH AWARD

to_____

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